




*L. Reusche & Co.*  
*New York*

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# L. REUSCHE & CO.

## IMPORTERS AND MANUFACTURERS

### *Illustrated Catalogue*

*Edition No. 10*



L. REUSCHE & CO.

34 UNION SQUARE

*S. E. Corner 16th St.*

NEW YORK

THE KNICKERBOCKER PRESS, NEW ROCHELLE, N. Y.

## FOREWORD

Our founder, Louis Reusche, whose interest in Ceramic Art began in the year 1870, and who devoted his entire life to its furtherance, found in his experience that there was no one manufacturer who excelled in producing all colors or materials superior to his competitors. Hence, although we manufacture a large proportion of the merchandise sold under our brand ELARCO, we have made a selection of such products made abroad which are considered the best in their line. These are designated by name of the manufacturer or by the country of origin.

We have always striven to serve our friends honestly and faithfully. This shall continue to be our policy.

As there are constant difficulties arising in the Ceramic Art, we shall at all times be glad to give whatever information our many years experience enables us to impart.

We feel sure that our friends appreciate our efforts and will continue to favor us with their kind patronage.

L. REUSCHE & COMPANY.





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*Colors and Materials  
for  
China and Glass Decoration*

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*Manufacturers of  
Gold and Silver Preparations  
for the  
Keramic Art and Glass Industries*

~

*Glass Stainers' Colors*

~

*Chemicals and Oxides  
for  
Potters' and Glass Makers' Use  
also for  
Enameled Iron, Bricks, Etc.*

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Sole Agents for JAMES HANCOCK & SON  
Diglis Ceramic Art Color Works, Worcester, England

*Copy of Agency Appointment*

WORCESTER, ENGLAND, FEB'Y 21, '06.

*To Our Esteemed Clients in the U. S.:*

DEAR SIRs—We have great pleasure in informing you that we have appointed Messrs. L. Reusche & Co., of New York, our Sole Agents for the United States from this date.

Our well known Potters' and Glass Colors will, in future, be only obtainable through them, and we trust that you will continue to extend to us, through Messrs. L. Reusche & Co., the favors that we have received from you for so many years.

Yours faithfully,

JAMES HANCOCK & SON.



Sole Agents for GEO. FOCHT'S SONS  
Makers of the Focht Gas Kilns, Hoboken, N. J.

*Copy of Agency Appointment*

HOBOKEN, N. J., MARCH 30, 1909.

*Messrs. L. Reusche & Co.:*

Referring to the conversation with our Mr. Theodore Focht, we hereby appoint you our sole selling agents for the Gas Fired Kilns manufactured by us, and all inquiries for our Kilns, reaching us, will be referred to you.

Very truly yours,

GEO. FOCHT'S SONS.



REPRESENTATIVES

for

KERAMIC CHINA DECORATING KILNS

and

KERAMIC POTTERY KILNS

# The Largest Direct Importers in America

of the products of the following well known manufacturers of Colors,  
Materials, Chemicals, Etc.

JAMES HANCOCK & SON, Ltd.....	Worcester, England
HAMILTON & Co., Ltd.....	London, England
SHEFFIELD CUTLERY WORKS.....	Sheffield, England
WENGERS, Ltd.....	Etruria, England
A. LACROIX & Co.....	Paris, France
PITET AINIE & CIE.....	Paris, France
MULLER & HENNIG.....	Dresden, Germany
GNEIST & WENZEL.....	Dresden, Germany
ROYAL MEISSEN PORC. MANUFACTORY...	Meissen, Germany
JOS. F. GUNZEL.....	Haida, Austria

Our connections with all the leading manufacturers of Colors, Materials, Chemicals, Etc., throughout England, France, Germany, Austria, Italy, Japan, China and other Foreign countries enable us to import or export any article our clients may desire.



A comprehensive line of Geitner's and Greiner's Colors

## IMPORTANT NOTICE

Goods sent by Mail or Parcel Post valued from \$1.00 up will be insured against loss. Postage and insurance will be added to invoice.

All goods will be packed with utmost care and no allowance will be made for breakage.

No claims allowed unless made within five days after receipt of goods.

To avoid mistakes please order by catalogue numbers.

Employing triplicate checking system, all Parcel Post, Express and Freight packages contain a duplicate "packer's contents slip" which must correspond with contents of package.

Packing cases of bulky nature will be charged at cost.

Prices are subject to change without notice.

This Catalogue is printed without prices, owing to the uncertainty of Labor and Raw Material Costs.

Price supplements will be issued periodically.

## Notice to Consumers

We do not solicit *RETAIL ORDERS* but confine our business to the legitimate *dealer*.

Should you not be able to procure our goods from your regular dealer, we will fill your orders direct.





# OVERGLAZE COLORS



For Painting, Printing, Grounding and Spraying  
on China and Earthenware

Are ready for use. (Ground extra fine)



Overglaze Colors are adapted for Rose Color heat (Cone 013, 860° Cent.,  
1580° Fahr.). For temperature scale refer to page 93



## BLACKS

No.	lb.	oz.	No.	lb.	oz.
R. Aero Black No. 4413.....			9. Grey Black.....		
R. Black No. 4019.....			10. Ivory Black, French.....		
1. Black for Dial Painting.....			11. Jet Black.....		
2. Blue Black.....			12. Lettering Black, superior....		
2A. Blue Black for Shading.....			13. Outlining Black, German....		
3. Brunswick Black, German....			14. Mixing Black for Browns and Greys.....		
3A. Brunswick Black, Special; for figure painting and also for mixing with Ruby and Violet.....			14A. Photo Black.....		
4. Copper Black.....			15. Printing Black, No. 1.....		
5. Deep Black, superior.....			16. Printing Black, No. 2.....		
6. Ebony Black.....			16A. Purple Black.....		
7. French Black, superior.....			17. Raven Black, French.....		
8. German Black.....			17A. Royal Berlin Black.....		
8A. German Black F.....			18. Shining Black, brilliant.....		
8B. German Black, No. 3.....			19. Soft Black.....		
			20. Strong Black.....		



## ELARCO OUTLINING INK

Black No. 330S. For China and Glass. Ready for use. Per bottle.

## Overglaze Colors

## BLUES

No.	lb.	oz.
30. Air Blue, German, F.....		
30A. Aztec Blue.....		
31. Azure Blue, Extra deep, Hancock's.....		
31B. Azure Glaze.....		
32. Baby Blue, F.....		
33. Banding Blue, German, F....		
33A. Banding Blue, very dark.....		
34. Banding Blue, No. 1.....		
35. Banding Blue, No. 2.....		
36. Banding Blue, No. 3.....		
36A. Banding Blue, special.....		
37. Blue, M, No. 1.....		
38. Blue, C, No. 5.....		
39. Blue, C, No. 7, strong.....		
40. Carmine Blue, German.....		
41. Celeste, No. 5.....		
42. Celeste, No. 10.....		
43. Celeste, No. 50.....		
43A. Celeste, special.....		
44. Celestial Blue, French.....		
45. Celestial Blue, No. 1.....		
46. Celestial Blue, No. 119.....		
46A. Columbia Blue.....		
46B. Cobalt Blue, intense.....		
R. Celestial Blue, No. 4403.....		
47. Copenhagen Blue, F.....		
47A. Copenhagen Blue, S.....		
48. Cornflower Blue.....		
49. Dark Blue, French.....		
50. Deep Blue, French.....		
51. Deep Berlin Blue, strong....		
52. Delft Blue.....		
53. ELARCO Blue, very rich, to imitate Underglaze Mazarine Blue.....		
53A. Electric Blue.....		
53B. Etruria Blue.....		
R. Hanley Blue, No. 4402.....		
54. Indian Blue, French.....		
55. Indigo Blue.....		
56. Lavender for glazing.....		
57. Lavender Blue.....		
58. Light Blue, for grounding....		

## BLUES

No.	lb.	oz.
59. Light Blue, German.....		
60. Light Sky Blue, French.....		
60A. Limousine Blue.....		
61. Marine Blue, French.....		
61A. Mazarine Blue.....		
62. Meissen Blue.....		
63. Navy Blue, F, very dark....		
64. Old Dutch Blue.....		
65. Old Blue.....		
66. Outremer Blue, No. 1.....		
67. Outremer Blue, No. 2.....		
68. Outremer Blue, No. 3.....		
69. Peacock Blue, No. 1.....		
70. Peacock Blue, No. 2.....		
70A. Persian Blue.....		
71. Printing Blue, No. 1.....		
72. Printing Blue, No. 2.....		
73. Printing Blue, No. 3.....		
74. Robin's Egg Blue.....		
75. Royal Blue, very dark and rich, Hancock's.....		
75A. Royal Blue, dark, intense....		
76. Sevres Blue, F.....		
77. Sky Blue, French.....		
78. Ultramarine Blue, French....		
79. Victoria Blue, French.....		
80. Worcester Blue, for banding, very deep and transparent.		
81. Yale Blue.....		

## BROWNS AND OCHRES

90. Auburn Brown, No. 1, F.....
91. Auburn Brown, No. 2.....
92. Border Brown.....
93. Black Brown, French.....
94. Bitumen Brown, French.....
95. Bitumen Brown, English.....
96. Brown, 4 or 17, French.....
97. Brown, 13, Hancock's.....
97A. Brown Pink.....
98. Brunswick Brown, Hancock's..
99. Chestnut Brown, Hancock's..
99A. Chestnut Brown, M.....



## Overglaze Colors

## BROWNS AND OCHRES

No.	lb.	oz.
100.	Chestnut Brown, German...	
101.	Chocolate Brown, Hancock's	
102.	Chocolate Brown, German...	
103.	Chocolate Brown, W. ....	
104.	Crest Brown. ....	
105.	Dark Brown, German. ....	
R	Dark Brown, No. 4007. ....	
105A.	Dark Brown, F. ....	
106.	Deep Red Brown, French...	
107.	Evans' Brown for flower painting. ....	
108.	Finishing Brown, German...	
108A.	Finishing Brown, F. ....	
109.	French Brown, No. 12 c. ....	
110.	French Brown, No. 13 c. ....	
111.	French Brown, No. 61 c. ....	
112.	French Brown, No. 63/c. ....	
	Above French Browns are for mixing with Greens, Yellows, &c.	
113.	French Brown, No. 130/c. ....	
114.	German Brown. ....	
115.	Golden Brown. ....	
116.	Hair Brown, No. 1, dark, German. ....	
117.	Hair Brown, No. 2, medium.	
118.	Hair Brown, No. 3, light...	
R	Jug Brown, No. 4411. ....	
119.	Indian Brown, No. 1. ....	
120.	Indian Brown, No. 2. ....	
121.	Italian Brown. ....	
122.	Kingston Brown. ....	
123.	Light Brown, very rich. ....	
124.	Light Coffee, French. ....	
125.	Maroon Brown. ....	
126A.	Meissen Brown, C. ....	
126.	Meissen Brown, No. 1, Coffee, F. ....	
127.	Meissen Brown, No. 2, Chestnut. ....	
127A.	Meissen Brown, F. ....	
R	Nut Brown, No. 4020. ....	
128.	Olive Brown. ....	
129.	Olive Brown, for Printing...	

## BROWNS AND OCHRES

No.	lb.	oz.
130.	Paris Brown, deep, for Figure Painting. ....	
130A.	Parisian Brown. ....	
131.	Persian Brown. ....	
132.	Pompadour Brown, Hancock's. ....	
133.	Printing Brown, dark. ....	
134.	Printing Brown, No. 12, medium. ....	
135.	Printing Brown, light. ....	
136.	Purple Brown. ....	
137.	Red Brown. ....	
R.	Red Brown, No. 4006. ....	
R.	Rookwood Brown, No. 4087.	
138.	Russett Brown. ....	
139.	Sepia Brown, French. ....	
140.	Sepia Brown, German. ....	
141.	Sepia Brown, Hancock's. ....	
142.	Sevres Brown, No. 1, dark for Printing. ....	
143.	Sevres Brown, No. 2, dark for Printing. ....	
144.	Shammy Brown, for Grounds and Spraying. ....	
145.	Shammy Brown, No. 2. ....	
145A.	Shammy Brown, special. ....	
146.	Shading Brown, F. ....	
147.	Terra Cotta, for grounding..	
147A.	Terra Cotta, special. ....	
148.	Trenton Brown, deep for Printing. ....	
149.	Vandyke Brown, No. 1, Hancock's. ....	
150.	Vandyke Brown, special. ....	
151.	Vandyke Brown, French. ....	
152.	Walnut Brown. ....	
153.	Wood Brown. ....	
154.	Yellow Brown, French. ....	
155.	Yellow Brown, German. ....	
155A.	Yellow Brown, special. ....	
155B.	Yellow Brown, No. 47. ....	
156.	Yellow Brown, No. 248. ....	
156A.	Yellow Brown, dark. ....	
157.	Yellow Ochre, French. ....	
158.	Yellow Ochre, German. ....	

## Overglaze Colors

### CARMINES, PINKS AND ROSE COLORS

No.	lb.	oz.
179.	Aero Pink.....	
179A.	Aero Pink, special.....	
180.	American Beauty Rose.....	
180A.	American Beauty Rose, dark	
181.	Berlin Pink.....	
182.	Berlin Rose.....	
183.	Brilliant Rose.....	
184.	Carmine, No. 1, Hancock's..	
185.	Carmine, No. 2, Hancock's..	
186.	Carmine, No. 3, Hancock's..	
187.	Carmine, No. 8, Hancock's..	
188.	Carmine, No. 20, Hancock's..	
189.	Carmine, No. 31, Hancock's..	
190.	Carmine, No. 1, French....	
191.	Carmine, No. 2, French....	
192.	Carmine, No. 3, French....	
193.	Carmine, German.....	
194.	Dresden Rose, very rich....	
195.	English Pink, Hancock's....	
196.	English Rose, Hancock's....	
197.	Jacque Rose, very rich....	
197A.	La France Rose.....	
198.	Old Rose.....	
199.	Pale Carmine, Hancock's....	
200.	Peach Blossom, F.....	
200A.	Peach Blossom, light.....	
201.	Pink for Grounds, Hancock's	
202.	Pink, No. 6, strong.....	
203.	Pink, No. 25.....	
204.	Pink, No. 26.....	
205.	Pink, Rose, No. 1.....	
206.	Pink for Printing, No. 1....	
207.	Pink for Printing, No. 2....	
207A.	Pink, standard.....	
208.	Rose, German, delicate....	
209.	Rose Carmine.....	
209A.	Rose, F.....	
210.	Rose du Barry, French....	
211.	Rose Pompadour, French....	
212.	Rose for Grounding.....	
213.	Rose Color, No. 1.....	
214.	Rose Color, No. 2.....	
215.	Rose Color, No. 3.....	
216.	Rose Color, No. 7, strong...	
217.	Rose Color, No. 9.....	

### CARMINES, PINKS AND ROSE COLORS

No.	lb.	oz.
218.	Rose Color, No. 10.....	
219.	Rose Color, No. 22.....	
220.	Rose Color, No. 23.....	
221.	Sevres Rose.....	
222.	Shell Pink.....	
	R Spraying Carmine, No. 4406	
	R Spraying Pink, No. 4405....	
223.	Yellow Carmine, for Tea Roses.....	
224.	Elarco Rose, will stand re- peated firing.....	
225.	Utility Rose.....	

### FLUXES FOR OVERGLAZE COLORS

(Fluxes will fuse at about 620 degrees Centigrade.)

241.	Extra soft flux.....
242.	Flux for Blacks, Blues, Browns, Greens.....
243.	Flux for Carmines, Roses and Purples.....
244.	Flux, for Reds.....
244A.	Flux, ordinary.....
245.	Flux, No. 8.....
246.	Flux, No. 75, soft.....
247.	French Flux.....
248.	German Flux.....
249.	Special soft flux, for all colors.....
250.	Leadless flux.....

### GREENS

261.	Antique Green.....
262.	Apple Green, No. 1, F.....
263.	Apple Green, French.....
263A.	Apple Green, D.....
264.	Autumn Green.....
264A.	Banding Green.....
265.	Berlin Green, extra deep....
266.	Best Blue Green, a delicate Turquoise.....
267.	Black Green, German.....
267A.	Black Green, A.....
268.	Black Green, special.....
268A.	Black Green, F.....

## Overglaze Colors

## GREENS

No.	lb.	oz.
R	Black Green No. 4042.....	
269.	Blue Green, very light.....	
270.	Blue Green, dark, German...	
271.	Blue Green, light, German...	
272.	Blue Green, No. 111, light...	
272A.	Blue Green for Grounds.....	
R	Blue Green, dark, 4054.....	
273.	Bright French Green.....	
274.	Brilliant Night Green, No. 1	
275.	Brilliant Night Green, No. 2	
276.	Bronze Green, very rich.....	
277.	Bronze Green, No. 2 or 50...	
278.	Balto Green.....	
279.	Brown Green, No. 6, French	
280.	Brown Green, German.....	
281.	Brown Green, No. 24.....	
282.	Brown Green, special, F.....	
283.	Brown Shade Green.....	
284.	Celadon, French.....	
285.	Celadon, No. 1.....	
286.	Celadon, No. 2.....	
287.	Chrome Dover Green.....	
288.	Chrome Green, No. 3, Yellowish.....	
289.	Chrome Green, No. 8, dark.	
290.	Chrome Green, No. 10, Bluish.....	
291.	Chrome Green, No. 12.....	
292.	Chrome Water Green, French.....	
293.	Chrome Yellow Green, very transparent and reliable...	
294.	Coalport Green, light.....	
295.	Coalport Green, dark.....	
R	Coalport Green, No. 4039...	
296.	Dark Green, No. 7, French...	
296A.	Dark Green, No. 7 C, dark.	
297.	Dark Green, German.....	
297A.	Dark Green, F.....	
298.	Deep Blue Green, French...	
299.	Deep Chrome Green, French	
300.	Delft Green.....	
301.	Drake Neck Green.....	
301A.	Dresden Green.....	
302.	Duck Green.....	
303.	Electric Green, No. 1, very rich.....	
303A.	Edgewater Green.....	
304.	Electric Green, No. 2.....	
305.	Emerald Green, French.....	
306.	Emerald Green, No. 2.....	
307.	Empire Green.....	
307A.	Empire Green, F.....	
308.	Flemish Green.....	

## GREENS

No.	lb.	oz.
R	Foliage Green, No. 4412....	
308A.	French Green.....	
309.	Florentine Green, No. 12...	
310.	Gaslight Green.....	
R	Golden Green, No. 4401....	
311.	Gordon Green, Yellowish...	
312.	Grape Vine Green.....	
313.	Grass Green, No. 5, French.	
314.	Grass Green, German.....	
315.	Grass Green, No. 1.....	
316.	Grey Green, F.....	
316A.	Hunters Green.....	
317.	Limoges Green.....	
318.	Lincoln Green.....	
319.	Lobster Green.....	
319A.	Lobster Green, S.....	
320.	Malachite Green.....	
320A.	Meadow Green.....	
321.	Meissen Green, No. 1.....	
322.	Meissen Green, No. 2.....	
323.	Moss Green, J, Yellowish, French.....	
324.	Moss Green, V, French.....	
325.	Moss Green, F.....	
326.	Moss Green, No. 1.....	
327.	Mistletoe Green.....	
328.	Myrtle Green, No. 1M.....	
329.	Myrtle Green, No. 2.....	
330.	Myrtle Green, French.....	
331.	Night Green.....	
332.	Nile Green, superior.....	
333.	Olive Green, French.....	
334.	Olive Green, German.....	
335.	Olive Green, F.....	
336.	Olive Green, No. 1.....	
337.	Olive Green, No. 2.....	
338.	Olive Green, for shading...	
339.	Oriental Olive, for printing..	
339A.	Olive Green, for Belleck....	
339B.	Parrot Green.....	
340.	Peacock Green, No. 1.....	
341.	Peacock Green, rich.....	
342.	Persian Green.....	
343.	Printing Green.....	
344.	Royal Green, F.....	
345.	Russian Green, No. 1, very deep.....	
346.	Russian Green, No. 2.....	
347.	Russian Green, F.....	
348.	Sap Green, dark, Hancock's	
349.	Sap Green, light, Hancock's	
350.	Sap Green, F.....	
351.	Sea Green, F.....	
352.	Seaweed Green.....	

## Overglaze Colors

## GREENS

No.	lb.	oz.
353.		Sevres Green, F. ....
353A.		Sevres Green, English. ....
354.		Shading Green, German. ....
355.		Shading Green, F. ....
356.		Shade Olive Green. ....
357.		Shining Night Green. ....
358.		Smilax Green. ....
359.		Soft Blue Green. ....
360.		Soft Olive Green. ....
361.		Stone Green. ....
361A.		Verdigris. ....
362.		Water Green, best. ....
363.		Water Green, No. 1. ....
364.		Water Green, No. 2. ....
365.		Water Green, No. 3. ....
366.		Yellow Green, German. ....
367.		Yellow Green, F. ....
368.		Yellow Green, No. 1, Hancock's. ....
369.		Yellow Green, No. 2. ....
370.		Yellow Green, pale. ....
R		Yellow Green, dark, No. 4407. ....
R		Yellow Green, light, No. 4408. ....

## GREYS

390.		Black Grey. ....
390A.		Ashes of Roses, greyish. ....
390B.		Ashes of Roses, reddish. ....
391.		Blue Grey, No. 1. ....
392.		Blue Grey, No. 2. ....
393.		Copenhagen Grey, blackish. ....
394.		Copenhagen Grey, bluish, light. ....
395.		Copenhagen Grey, dark. ....
396.		Copenhagen Grey, greenish. ....
397.		Copenhagen Grey, greyish. ....
398.		Copenhagen Grey, light. ....
399.		Copenhagen Grey, F. ....
400.		Copenhagen Grey, regular. ....
401.		Dove Grey. ....
402.		French Grey, English. ....
403.		Grey for Flesh, German. ....
403A.		Grey for Flowers, German, brownish. ....
403B.		Grey for Flowers, German, greyish. ....
404.		Grey for Flesh, F. ....
405.		Grey, No. 1, French. ....
406.		Grey, No. 2, French. ....
407.		Green Grey. ....
408.		Gold Grey, F, superior for shading. ....
409.		Kingston Drab, No. 1. ....

## GREYS

No.	lb.	oz.
410.		Kingston Drab, No. 2, for printing. ....
411.		Neutral Grey, French. ....
412.		Neutral Grey, for printing. ....
413.		Pearl Grey, No. 6, French. ....
414.		Pearl Grey, F. ....
415.		Silver Grey, No. 1, F. ....
416.		Silver Grey, No. 2, for printing. ....
417.		Slate Grey. ....
418.		Steel Grey, French. ....
419.		Turtle Dove Grey, French. ....
420.		Warm Grey, French. ....
421.		Warm Grey, F. ....
422.		White Rose, a delicate greenish grey. ....
423.		White Shadow. ....

## MAROONS, RUBIES, &amp;c.

R		Aero Maroon, No. 4414. ....
439.		Crimson, No. 1. ....
440.		Crimson, No. 4. ....
441.		English Maroon. ....
442.		Maroon, No. 1. ....
443.		Maroon, No. 3. ....
443A.		Maroon, No. 8. ....
444.		Maroon, No. 9. ....
445.		Maroon, No. 9 A. ....
446.		Maroon, No. 25. ....
446A.		Maroon, No. 25, Emery's. ....
447.		Maroon, No. 33. ....
448.		Maroon, No. 36. ....
448A.		Maroon, 763. ....
449.		Ruby, best. ....
449A.		Elareo Ruby, deep, rich. ....
450.		Ruby, d'or. ....
451.		Ruby, special. ....

## PURPLES, VIOLETS, &amp;c.

460.		Blue Violet. ....
461.		Carmine Purple, French. ....
461A.		Crimson Purple. ....
462.		Deep Purple, French. ....
463.		Deep Purple, German. ....
464.		Fusible Lilac, French. ....
465.		Heliotrope, No. 1. ....
466.		Lilac, French. ....
467.		Lilac, light. ....
467A.		Magenta. ....
468.		Mauve, French. ....
469.		Pansy Purple, light. ....
470.		Pansy Purple, medium. ....
471.		Pansy Purple, dark. ....

## Overglaze Colors

## PURPLES, VIOLETS, &amp;c.

No.	lb.	oz.
472. Printing Purple, No. 1.....		
473. Printing Purple, No. 2.....		
475. Purple, No. 2, French.....		
475A. Purple for Grapes.....		
476. Roman Purple, F.....		
477. Rose Purple, German.....		
478. Royal Purple, F.....		
479. Ruby Purple, French.....		
480. Ruby Purple, German.....		
480A. Shading Purple.....		
481. Unique.....		
482. Violet of Gold, deep, French		
483. Violet of Gold, light, French		
484. Violet, deep, German.....		
485. Violet, No. 1, F.....		
486. Violet, No. 2, F.....		
486A. Royal Violet, very rich.....		
486B. Shading Violet.....		
487. Violet for Grapes.....		
487A. Violet for Pansies.....		
488. Violet of Iron, French.....		
489. Violet of Iron, German.....		
490. Violet of Iron, No. 1.....		
491. Violet of Iron, No. 2.....		
492. Violet of Iron, special.....		
493. <i>Elarco</i> Grape Color, very intense for black grapes...		

## REDS, FLESH COLORS, &amp;c.

501. Banding Red.....	
502. Beef Blood.....	
502A. Bergner Red.....	
503. Best Red, Hancock's.....	
504. Blood Red, F.....	
504A. Blood Red, dark.....	
504B. Blood Red, special.....	
505. Bordeaux Red.....	
506. Brown Red, German.....	
507. Capucine Red, French.....	
508. Cardinal Red.....	
509. Carmelite, French.....	
510. Carmine, Flesh, F.....	
511. Carnation, No. 1, French...	
512. Carnation, No. 2, French...	
513. Carnation, F, superior.....	
514. Cherry Red.....	
515. Coral Red, rich, English...	
516. Coral Red, French.....	
517. Coral Red for Grounds.....	
518. Coral Red, No. 1.....	
519. Coral Red, No. 2.....	
520. Coral Red, No. 3.....	
521. Flame Red.....	
521A. Flamingo Red.....	

## REDS, FLESH COLORS, &amp;c.

No.	lb.	oz.
522. Flesh or Salmon, No. 1, Pinkish.....		
523. Flesh or Salmon, No. 2, Yellowish.....		
524. Flesh or Salmon, No. 45.....		
525. Flesh Tint.....		
525A. Flower Red ( <i>Blumenroth</i> )...		
R Flower Red, No. 4021.....		
526. Lobster Red.....		
526A. Mahogany, No. 1.....		
527. Orange Red, French.....		
527A. Orange Peel Red.....		
528. Persian Red, Hancock's.....		
528A. Persian Red, No. 207.....		
529. Pompadour Red, German...		
530. Pompadour Red, superior, German.....		
530A. Pompadour Red, special.....		
531. Pompadour Red, F.....		
531A. Poppy Red.....		
R Poppy Red, No. 4009.....		
532. Printing Red, superior.....		
533. Regular Red for printing...		
534. Ruby Red.....		
535. Salmon, French.....		
536. Soft Flesh.....		
537. Worcester Scarlet.....		
538. Yellow Red, German.....		
539. Yellow Red, F.....		

## TURQUOISE—BLUES AND GREENS

550. Celestial Turquoise, F.....	
550A. Lakewood Celeste.....	
551. Litho Turquoise.....	
552. New Turquoise.....	
553. Royal Worcester Turquoise...	
554. Turquoise for spraying.....	
554A. Turquoise, bluish, for spray- ing.....	
555. Turquoise, No. 13.....	
555A. Turquoise for glazing.....	
556. Turquoise Blue, French.....	
557. Turquoise Blue, German...	
558. Turquoise Blue, No. 2.....	
559. Turquoise Blue, No. 3.....	
560. Turquoise Blue, soft.....	
560A. Dresden Turquoise Blue for grounds, very rich.....	
561. Turquoise Blue, No. 41.....	
561A. Turquoise Blue, No. 43.....	
562. Turquoise Green, French...	
563. Turquoise Green, German...	
564. Turquoise Green, No. 2.....	
565. Turquoise Green, No. 3.....	
566. Turquoise Green, soft.....	

## Overglaze Colors

### YELLOWS, ORANGES, IVORIES, &c.

No.	lb.	oz.
R Aero Yellow, 4409.....		
580. Alberts Yellow, No. 1.....		
581. Alberts Yellow, No. 2.....		
582. Alberts Yellow, genuine, mixes with all colors.....		
583. Amber Yellow, deep.....		
584. Best Yellow, Hancock's.....		
585. Canary Yellow, German.....		
R Canary Yellow, No. 4018....		
586. Chinese Yellow, French.....		
R Dark Yellow, No. 4016.....		
588. Delft Yellow.....		
589. Enamel Yellow.....		
590. Egg Yellow, F.....		
591. Gold Yellow, superior.....		
592. Gold Bud Yellow, French....		
593. Grey Yellow, F.....		
594. Japanese Yellow.....		
595. Jonquil Yellow, French.....		
596. Ivory Yellow, French.....		
597. Ivory Yellow, German.....		
598. Ivory Yellow, H.....		
599. Lemon Yellow, German, F....		
599A. Mixing Yellow.....		
599B. Mixing Yellow, R.....		
600. Orange Yellow, French.....		
601. Primrose Yellow.....		
601A. Pumpkin Yellow.....		
602. Silver Yellow, French.....		
603. Straw Yellow.....		
R Aero Orange, No. 4410.....		
604. Best Orange, Massey's.....		
605. Best Orange, No. 2.....		
606. Dark Orange.....		
607. Light Orange.....		
608. Golden Orange.....		
609. Golden Orange, No. 17.....		
609A. Princeton Orange.....		
610. Imperial Ivory, F.....		
611. Oriental Ivory, F.....		
612. Old Ivory, Hancock's.....		
613. Trenton Ivory, F, yellowish.		
613A. Trenton Ivory, creamish....		
613B. Trenton Ivory, D.....		
614. Worcester Ivory, No. 2, cream.....		
615. Worcester Ivory, No. 27, light cream.....		
616. Ivory for Glazing.....		
616A. Ivory for Glazing, creamish		
616B. Ivory for Glazing, pinkish..		

### YELLOWS, ORANGES, IVORIES, &c.

No.	lb.	oz.
617. Ivory for Grounds, yellowish		
617A. Ivory for Grounds, creamish		
618. Buff.....		
619. Glazed Doulton Tint.....		
620. Golden Fawn, Hancock's....		
621. Maize, French.....		
622. Satsuma Tint.....		

### GLAZES FOR OVER COLORS

(Overglaze painting)

These glazes are perfectly transparent and are used to produce a finished, smooth surface over painting, eliminating brush streaks. Apply very thin. They can also be used for painting and tinting.

No.	lb.	oz.
31B. Azure	Glaze.....	
56. Lavender	".....	
744. Pink	".....	
745. Blue Green	".....	
746. Yellow Green	".....	
747. Grey	".....	
748. Red	".....	
555A. Turquoise for Glazing.....		
616A. Ivory Glaze, creamish.....		
616B. Ivory Glaze, pinkish.....		
616. Ivory Glaze, regular.....		
749A. Yellow Glaze.....		
749. Colorless Glaze.....		

### PASTES FOR RAISED GOLD

No.	lb.	oz.
690. Hancock's Paste for raised Gold.....		
691. Hancock's softening ma- terial for paste for Gold...		
692. Paste for Liquid Bright Gold		
693. Paste to produce mat gold effects with Liquid Bright Gold.....		
693A. Paste to produce etched ef- fects in connection with Liquid Bright Gold.....		

### PROFESSOR LAMM'S DRESDEN

695. Paste for Gold for dotting..	
696. Paste for Gold for painting..	

## Overglaze Colors

No.  
697.

Hancock's  
Royal Worcester Paste for  
Raised Gold



ACTUAL SIZE

Prepared in Oil Ready for Use

## Price per Jar

DIRECTIONS.—Take as much paste from Jar as needed at the time and add sufficient Turpentine to make a thick paste. The special Oil in which the paste is ground extremely fine facilitates the production of the finest, unbroken sharp lines and perfect modeling. No blistering or boiling possible.

## WHITE ENAMELS

No.		lb.	oz.
640.	Best English White Enamel		
641.	Hancock's White Enamel, hard.....		
642.	Hancock's White Enamel, medium.....		
643.	Hancock's White Enamel, soft.....		
644.	German White Enamel, Aufsetzweiss.....		
644A.	Meissen White Enamel.....		
645.	Matt White Enamel.....		
646.	Relief White Enamel, soft..		
647.	White Enamel, No. 3.....		
648.	White Enamel for printing.		
649.	White Enamel for Liquid Bright Gold.....		
650.	Pearl White Enamel.....		
651.	Matt White Enamel.....		
652.	White Enamel for mixing with colors in place of flux.....		
652A.	Mixing White.....		
653.	Wax Pearl Enamel.....		

A Transparent Colorless Enamel with which Colors may be mixed to imitate precious stones. May be used over color decorations to give same relief effect. Lustres may also be fired over it. Requires hard fire.

## Elarco Enamels for Soft Glazes

(For flat enamel as well as high relief decoration)

Specially prepared for Belleek, Satsuma, and English China

No.	lb.	oz.	No.	lb.	oz.
1S. Black.....			63S. Lavender.....		
11S. Air Blue, opaque.....			64S. Blue Violet.....		
12S. Dark Blue, opaque.....			65S. Red Violet.....		
13S. Grey Blue.....			66S. Royal Violet or Purple, transparent.....		
14S. Mazarine Blue, transparent.....			67S. Grape Purple, transparent..		
15S. Old Blue, opaque.....			68S. Ruby, extra deep, transp...		
16S. Royal Blue, transparent....			69S. Ruby, special.....		
17S. Turquoise Blue.....					
18S. Ultramarine Blue.....			71S. Doulton Turquoise.....		
19S. Worcester Blue.....					
21S. Deep Red Brown.....			81S. Antique Red.....		
22S. Hair Brown.....			82S. Carnation Red.....		
23S. Neutral Brown.....			83S. Persian Red.....		
24S. Olive Brown.....			84S. Scarlet Red.....		
25S. Yellow Brown.....					
26S. Yellow Brown, transparent..			85S. Vermilion, No. 1.....		
			86S. Vermilion, No. 2.....		
31S. Apple Green.....			87S. Cherry Red, No. 1.....		
32S. Black Green.....			88S. Cherry Red, No. 2.....		
33S. Brown Green.....			91S. Canary Yellow.....		
34S. Dark Green, very dark.....			92S. Lemon Yellow.....		
35S. Dark Green, bluish, transp...			93S. Straw Yellow.....		
36S. Dark Green, bluish, dark...			94S. Gold Orange.....		
37S. Empire Green.....			95S. Orange, transparent.....		
38S. Emerald Green.....			96S. Dark Old Ivory.....		
39S. Grass Green.....			97S. Oriental Ivory.....		
40S. Grey Green.....			98S. Worcester Ivory.....		
41S. Hunter's Green.....					
42S. Ivy Green.....			101S. Best English White Enamel..		
43S. Moss Green.....			102S. German White Enamel, Aufsetzweiss.....		
44S. Olive Green.....			103S. White Enamel, hard, Han- cock's.....		
45S. Olive Green, transparent...			104S. White Enamel, medium, Hancock's.....		
46S. Sap or Yellow Green.....			105S. White Enamel, soft, Han- cock's.....		
47S. Celadon.....			106S. White Enamel, semi-trans- parent, for mixing with all Enamels.....		
51S. Copenhagen Grey, bluish...			107S. White Enamel, transparent, for mixing with all Enamels.....		
52S. Copenhagen Grey, greyish..					
53S. Green Grey.....					
54S. Pearl Grey.....					
55S. Warm Grey.....					
59S. Cameo Pink, transparent...					
60S. Pink Coral, transparent....					
61S. Peach Blossom.....					
62S. Pink.....					

(For other White Enamels, see our  
Catalogue page 19)

Directions page 21.



## Elarco Enamels for Hard Glazes

(For flat enamel as well as high relief decoration)

Specially prepared for French and German China, etc.

Can also be used on soft glazed ware

No.	lb.	oz.	No.	lb.	oz.
201H. Black			270H. Pink Coral, transparent		
211H. Air Blue			271H. Pink		
212H. Azure Blue			272H. Rose		
213H. Delft Blue			273H. Old Rose		
214H. Lavender Blue			274H. Lavender		
215H. Royal Blue, transparent			275H. Blue Violet		
216H. Mazarine Blue, transparent			276H. Red Violet		
217H. Turquoise Blue			277H. Grape Purple, transparent		
221H. Finishing Brown			278H. Royal Purple, transparent		
222H. Hair Brown			279H. Ruby, transparent		
223H. Red Brown			281H. Doulton Turquoise		
224H. Yellow Brown			282H. Old Turquoise		
231H. Blue Grey			291H. Canary Yellow		
232H. Copenhagen Grey			292H. Chinese Yellow		
233H. Green Grey			293H. Lemon Yellow		
234H. Gun Metal Grey			294H. Neutral Yellow		
235H. Pearl Grey			295H. Orange, opaque		
236H. Warm Grey			296H. Light Ivory		
241H. Apple Green			297H. Oriental Ivory		
242H. Black Green			298H. Orange, Deep		
243H. Brown Green, opaque			301H. Best English White Enamel		
244H. Bronze Green, transparent			302H. German White Enamel, Aufsetzweiss		
245H. Celadon			303H. White Enamel, hard, Han- cock's		
246H. Dark Green			304H. White Enamel, Medium, Hancock's		
247H. Emerald Green			305H. White Enamel, soft, Han- cock's		
248H. Grass Green			306H. White Enamel, semi-trans- parent, for mixing with all Enamels		
249H. Moss Green, dark			307H. White Enamel, transparent, for mixing with all Enamels		
250H. Olive Green					
251H. Persian Green					
252H. Russian Green					
253H. Sap Green					
254H. Shading Green					
255H. Water Green					
261H. Blood Red					
262H. Old Chinese Red					
263H. Old Persian Red					
264H. Scarlet Red					
265H. Yellow Red					
269H. Cameo Pink, transparent					

(For other White Enamels, see our Catalogue,  
page 19)

**DIRECTIONS**—The Elarco Enamels are ground ready for use. Mix the Enamels sparingly with Elarco Medium for Enamel, thinning it with Rectified Spirits of Turpentine and float the Enamel on, with point of brush. Enamels marked "Transparent" should not be applied too heavy.

Special care must be taken that the decoration is thoroughly dry before firing. The Elarco Enamels will mix with each other, and innumerable additional tints can thus be obtained.

## Overglaze Colors

## Matt Opaque or Gouache Colors

For Royal Worcester Decoration and Bronze Effects on China

No.	lb.	oz.	No.	lb.	oz.
760. Black, No. 1.....			780. Copenhagen Grey.....		
761. Black, No. 2.....			781. Steel Grey.....		
762. Dark Blue.....			782. Maroon.....		
762A. Jasper Blue.....			783. Pink.....		
763. Paris Blue, very dark.....			784. Shell Pink.....		
764. Robin's Egg Blue.....			785. Old Rose.....		
764A. Wedgewood Blue.....			785A. American Beauty Rose.....		
765. Celeste Blue.....			786. Scarlet Red.....		
765A. Sevres Blue.....			787. Flesh Red.....		
766. Chestnut Brown.....			788. Pompadour Red.....		
767. Chocolate Brown.....			788A. Poppy Red.....		
768. Paris Brown, very dark.....			789. Salmon Red.....		
769. Yellow Brown.....			790. Terra Cotta.....		
770. Bronze Green.....			790A. Violet.....		
771. Celeste Green.....			791. White, No. 1.....		
772. Celadon Green.....			792. White, No. 2.....		
772A. Dark Green.....			792A. Aurora Yellow.....		
773. Emerald Green.....			793. Dark Yellow.....		
774. Grass Green.....			794. Light Yellow.....		
775. Moss Green.....			795. Golden Yellow.....		
776. Olive Green.....			795A. Golden Orange.....		
776A. Owens Green.....			796. Ivory, Vellum.....		
777. Russian Green, No. 1.....			797. Ivory for Worcester Ground.....		
777A. Shading Green.....			797A. Jersey Cream.....		
778. Water Green.....			798. White Vellum.....		
778A. Wedgewood Green.....			799. Flux for Matt Colors.....		
779. Yellow Green, No. 1.....					

## Colors for Photographing on China and Glass

No.	lb.	oz.	No.	lb.	oz.
6. Photographic Tint.....			10. Photographic Tint.....		
7. Photographic Tint.....			11. Photographic Tint.....		
8. Photographic Tint.....			12. Flux for above.....		
9. Photographic Tint.....			13. Underglaze Tint.....		

## BODY (KOERPER) FOR PHOTOGRAPHY

No.	lb.	oz.
3096. Black Body (Schwarz Koerper).....		
3097. Dark Brown Body (Dunkel Braun Koerper).....		
3098. Violet Brown Body (Violett Braun Koerper).....		
3099. Violet Body (Violett Koerper).....		
(Violet body is furnished in paste form.)		
		Per bottle, pint.
3100. Photo Solution for dusting process, No. 1.....		
3101. Photo Solution for dusting process, No. 2.....		

*General Directions on Application*

FACSIMILE OF  
ORIGINAL SEAL

# Overglaze Colors Royal Meissen Colors

from the

## Royal Porcelain Manufactory

Meissen, Saxony (Germany)

DIRECT IMPORTERS

Above Colors are packed in 250 grams (9/16 lbs.) and 500 grams (1 1/4 10 lbs.) round paper boxes bearing the seal as per facsimile.

FACSIMILE OF  
ORIGINAL SEAL

No.		lb. oz.
1.	Lemon Yellow.....	(Zitrongelb).....
2.	Lemon Yellow Matt.....	(Zitrongelb matt).....
3.	Canary Yellow.....	(Kanariengelb).....
4.	Egg Yellow.....	(Eigelb).....
5.	Wax Yellow.....	(Wachsgelb).....
6.	Yellow Ochre.....	(Ockergelb).....
7.	Yellow Ochre, B.....	(Ockergelb, B).....
8.	Relief Yellow.....	(Blickgelb).....
9.	Shading Yellow.....	(Schattiergelb).....
10.	Ivory Yellow.....	(Elfenbeingelb).....
10B.	Yellow, No. 73, soft.....	(Gelb, No. 73, leichtflüssig).....
11.	Ivory Yellow Matt.....	(Elfenbeingelb matt).....
12.	Paste for Raised Gold.....	(Goldunterlage).....
13.	Yellow Green.....	(Gelbgrün).....
13B.	Moss Green.....	(Moosgrün).....
14.	Grass Green.....	(Grassgrün).....
14B.	Green.....	(Grün).....
15.	Apple Green.....	(Apfelgrün).....
16.	Banding Green.....	(Rändergrün).....
17.	Blue Green.....	(Blaugrün).....
17B.	Sea Green.....	(Meergrün).....
17C.	Sap Green.....	(Saftgrün).....
18.	Blue Green Glaze.....	(Glasurblaugrün).....
19.	Olive Green.....	(Olivengrün).....
20.	Olive Green Matt.....	(Olivengrün matt).....
21.	Dark Green.....	(Dunkelgrün).....
21B.	Dull Green.....	(Stumpfgrün).....
22.	Shading Green.....	(Schattiergrün).....
23.	Shading Green, light.....	(Schattiergrün, hell).....
24.	Shading Green, hard.....	(Schattiergrün, hart).....
25.	Turquoise Green.....	(Türkisgrün).....
26.	Light Green Matt.....	(Hellgrün matt).....
27.	Air Blue.....	(Luftblau).....
27B.	Blue, very soft.....	(Flussblau).....
28.	Banding Blue.....	(Ränderblau).....
29.	Light Blue.....	(Hellblau).....
29B.	Blue for Tracing.....	(Staffierblau).....

## Overglaze Colors

No.		lb.	oz.
30.	Turquoise Blue	(Türkisblau)	
31.	Turquoise Blue, hard	(Türkisblau, hart)	
32.	Turquoise Blue, No. 8	(Türkisblau, No. 8)	
33.	Turquoise Blue, Matt	(Türkisblau matt)	
34.	Dark Blue	(Dunkelblau)	
35.	Blue for Glazing	(Glasurblau)	
36.	Dark Blue, hard	(Dunkelblau, hart)	
37.	Matt Blue	(Mattblau)	
37B.	Ultramarine Blue	(Ultramarinblau)	
38.	Light Violet	(Hellviolett)	
39.	Shading Violet	(Schattioviolett)	
39B.	Purple Violet	(Purpurviolett)	
40.	Rose Purple	(Rosenpurpur)	
40B.	Carmine Purple, light	(Karminpurpur, hell)	
41.	Red Rose	(Rosenrot)	
42.	Matt Rose	(Rosa, matt)	
43.	Yellow Rose	(Gelbrosa)	
44.	Purple for Tracing	(Staffierpurpur)	
44B.	Carmine Purple, dark	(Karminpurpur, dunkel)	
45.	Dark Purple	(Dunkelpurpur)	
45B.	Ruby Purple	(Rubinpurpur)	
46.	Shading Purple	(Schattierpurpur)	
47.	Maroon, A	(Maron, A)	
48.	Maroon, B	(Maron, B)	
49.	Red for Flesh	(Fleischanlagerot)	
50.	Yellow Red	(Gelbrot)	
51.	Chrome Red	(Chromrot)	
52.	Blood Red	(Blutrot)	
53.	Blood Red, light	(Blutrot, hell)	
54.	Blood Red, hard	(Blutrot, hart)	
55.	Brown Red	(Braunrot)	
56.	Blue Red	(Blaurot)	
57.	Coffee Brown	(Kaffeebraun)	
58.	Leather Brown	(Lederbraun)	
59.	Chestnut Brown	(Kastanienbraun)	
60.	Sepia Brown	(Sepiabraun)	
61.	Shading Brown	(Schattierbraun)	
62.	Shading Brown, hard	(Schattierbraun, hart)	
63.	Yellow Brown	(Gelbbraun)	
63B.	Sienna Brown	(Terra di Siena)	
64.	Light Brown	(Hellbraun, matt)	
65.	Brown Black	(Braunschwarz)	
66.	Blue Black	(Blauschwarz)	
67.	Lettering Black	(Schriftschwarz)	
68.	Shading Black	(Schattierschwarz)	
70.	Matt Black, A	(Mattschwarz, A)	
71.	Matt Black, B	(Mattschwarz, B)	
72.	Blue Grey	(Blaugrau)	
72B.	Chinese Grey	(Chinagrau)	
72C.	Mouse Grey	(Mausegrau)	
73.	Ash Grey	(Aschgrau)	
74.	Relief White	(Blickweiss)	
75.	Flux	(Fluss)	

## Overglaze Colors

Sole Agents for

JAMES HANCOCK &amp; SON'S, LTD.

Royal Worcester  
Overglaze Powder Colors

Ground Extra Fine

No. 752



In Vials

	Per Vial
Blue, Azure.....	\$0.25
Blue, Deep Azure.....	.25
Blue, for old Tile painting.....	.25
Brown, German.....	.25
Brown, Golden.....	.25
Brown, Chocolate.....	.25
Brown, Brunswick.....	.25
Brown, Olive.....	.25
Brown, Vandyke.....	.25
Brown, Chestnut.....	.25
Brown, Austrian.....	.25
Brown, Sepia.....	.25
Buff, Nos. 1 and 2.....	.25
Black, Soft.....	.30
Black, Grey.....	.30
Black, Deep.....	.30
CARMINE.....	.40
Fawn.....	.25
Flesh Shadow.....	.25
Flesh Tint, Nos. 1 and 2.....	.25
Flux, General.....	.10
Green, Celadon.....	.30
Green, Emerald.....	.30
Green, Blue.....	.25
Green, Celadon, for grounds.....	.30
Green, Sevres.....	.30
Green, Roseleaf.....	.30
Green, Gordon.....	.30
Green, Dover 1 and 2.....	.30
Green, Light Sevres.....	.25
Green, Shading.....	.25
Grey, Pearl.....	.25
Ivory.....	.30

	Per Vial
Lilac, for grounds, 1, 2 and 3.....	\$0.30
Mauve, for grounds and painting.....	.30
Orange, Light.....	.25
Orange, Dark.....	.25
Orange, Strong, Deep.....	.25
Orange, Opaque.....	.25
Pink, for grounds.....	.40
PASTE FOR RELIEF GOLD.....	.30
Purple, Royal.....	.90
Purple, Ordinary.....	.60
Ruby D'or.....	1.00
Rose, for painting.....	.30
Rose, Strong.....	.50
Rose, Coral.....	.50
Rose, Dubarry.....	.60
Red.....	.25
Salmon, 1 and 2.....	.30
Scarlet.....	.25
Turquoise, Outremer.....	1.00
Turquoise, Swartzenburgh.....	1.00
Violet.....	.30
WHITE ENAMEL, Soft.....	.30
White Enamel, Medium.....	.30
White Enamel, Hard.....	.30
White Shadow.....	.25
Yellow, Light.....	.25
Yellow, Persian.....	.25
Yellow, Persian hard.....	.25
Yellow, Opaque.....	.25

# Fry's Vitrifiable Colors for China

No. 750



In Vials

Black		Greys		Glazes	
	PER VIAL		PER VIAL		PER VIAL
German Black .....	\$0.30	Gold Grey .....	\$0.25	Ivory Glaze .....	\$0.30
Outlining Ink (liquid) ..	.30	Silver Grey .....	.25	Yellow Glaze .....	.30
<b>White</b>		Royal Copenhagen Grey ..	.35	Lavender Glaze .....	.30
Chinese White .....	.20	Warm Grey .....	.30	Pink Glaze .....	.35
<b>Blues</b>		Pearl Grey .....	.50	Grey Glaze .....	.35
Aztec Blue .....	.60	Grey for Flesh .....	.90	Turquoise Glaze .....	.30
Sevres Blue .....	.30	(½ Vial 45c.)		Yellow Green Glaze ....	.35
Banding Blue .....	.25	<b>Pink and Purples</b>		Blue Green Glaze .....	.40
Copenhagen Blue .....	.30	Roman Purple .....	.90	Azure Glaze .....	.35
Air Blue .....	.45	(½ Vial 45c.)		<b>Colors for</b>	
Baby Blue .....	.30	Ruby (½ Vial 75c.) ....	1.50	<b>Miniature and Figure</b>	
Celestial Turquoise .....	.25	Rose .....	.35	<b>Painting</b>	
Sky Blue .....	.20	Peach Blossom .....	.30	Flesh No. 1 (blond) ....	.25
<b>Browns</b>		Palma-Rosa Salmon .....	.35	Flesh No. 2 (brunette) ..	.25
Yellow Brown .....	.30	American Beauty .....	.60	Pompadour No. 1 .....	.30
Finishing Brown .....	.30	<b>Reds</b>		Pompadour No. 2 .....	.30
Dark Brown .....	.25	Yellow Red .....	.30	Reflected Light .....	.25
Shading Brown .....	.30	Pompadour .....	.30	Cool Shadow .....	.45
Auburn Brown .....	.25	Violet of Iron .....	.25	Tender Shadow .....	.35
Meissen Brown .....	.30	Blood Red .....	.30	Warm Shadow .....	.40
<b>Greens</b>		Carnation .....	.30	Finishing Brown No. 1 ..	.30
Moss Green .....	.30	<b>Violets</b>		Finishing Brown No. 2 ..	.30
Olive Green .....	.25	Royal Purple .....	.50	<b>Paste, Enamels, etc.</b>	
Royal Green .....	.25	Violet No. 1 .....	.40	Fry's White Enamel ...	.35
Russian Green .....	.30	Violet No. 2 .....	.45	English Enamel .....	.30
Persian Green .....	.25	Royal Violet .....	.80	Dresden Relief White ..	.35
Yellow Green .....	.25	(½ Vial 40c.)		Pink Enamel .....	.35
Sevres Green .....	.25	<b>Yellows</b>		Coral Enamel .....	.30
Sap Green .....	.25	Egg Yellow .....	.30	Turquoise Enamel .....	.30
Apple Green .....	.30	Albert Yellow .....	.30	Cobalt Enamel .....	.30
Grey Green .....	.25	Lemon Yellow .....	.30	Dresden Flux .....	.35
Sea Green .....	.30	Primrose Yellow .....	.25	Hancock's Paste for	
Deep Blue Green .....	.25	Trenton Ivory .....	.20	Raised Gold .....	.35
Empire Green .....	.30	Oriental Ivory .....	.25	Hancock's Hard Enamel ..	.35
Shading Green .....	.30	Imperial Ivory .....	.25	Hancock's Soft Enamel ..	.35
Dark Green .....	.40	Grey Yellow .....	.25		
Brown Green .....	.30	Mixing Yellow .....	.25		
New Green .....	.30	Orange .....	.30		
Black Green .....	.25	Deep Orange .....	.30		

# Fry's Enamels for Soft and Hard Glazes

## For Hard Glazes

NO.	PER VIAL	NO.	PER VIAL	NO.	PER VIAL
1. Black.....	\$0.40	16. Apple Green.....	\$0.50	31. Pink.....	\$0.45
2. Delft Blue.....	.45	17. Celadon.....	.45	32. Ruby (½ Vial 40c.).....	.80
3. Lavender Blue.....	.40	18. Dark Green.....	.50	33. Royal Purple (½ Vial 40c.).....	.75
4. Royal Blue.....	.50	19. Grass Green.....	.45	34. Blue Violet (½ Vial 40c.).....	.80
5. Dark Blue.....	.50	20. Moss Green.....	.40	35. Red Violet.....	.55
6. Turquoise Blue.....	.50	21. Russian Green.....	.40	36. Canary Yellow.....	.40
7. Cobalt Blue.....	.40	22. Sap Green.....	.40	37. Lemon Yellow.....	.40
8. Finishing Brown.....	.40	23. Water Green.....	.35	38. Neutral Yellow.....	.40
9. Hair Brown.....	.40	24. Blood Red.....	.40	39. Orange.....	.40
10. Yellow Brown.....	.50	25. Old Chinese Red.....	.45	40. Light Ivory.....	.40
11. Blue Grey.....	.40	26. Oriental Red.....	.45	41. White for Mixing.....	.40
12. Copenhagen Grey.....	.45	27. Yellow Red.....	.40		
13. Green Grey.....	.35	28. Coral Red.....	.40		
14. Metallic Grey.....	.40	29. Scarlet Red.....	.50		
15. Pearl Grey.....	.45	30. Rose.....	.50		

## For Soft Glazes

NO.	PER VIAL	NO.	PER VIAL	NO.	PER VIAL
42. Black.....	.40	57. Grey Green.....	.35	69. Red Violet (½ Vial 30c.).....	.60
43. Air Blue.....	.45	58. Hunters Green.....	.40	70. Antique Red.....	.40
44. Grey Blue.....	.45	59. Moss Green.....	.40	71. Carnation Red.....	.40
45. Old Blue.....	.55	60. Sap Green.....	.40	72. Oriental Red.....	.45
46. Royal Blue.....	.40	61. Copenhagen Grey.....	.35	73. Coral Red.....	.30
47. Cobalt Blue.....	.40	62. Green Grey.....	.35	74. Scarlet Red (½ Vial 35c.).....	.65
48. Turquoise Blue.....	.40	63. Pearl Grey.....	.40	75. Canary Yellow.....	.45
49. Doulton Turquoise.....	.45	64. Rose.....	.40	76. Lemon Yellow.....	.45
50. Deep Red Brown.....	.40	65. Pink.....	.45	77. Orange Yellow.....	.45
51. Hair Brown.....	.40	66. Ruby (½ Vial 45c.).....	.90	78. Old Ivory.....	.45
52. Olive Brown.....	.45	67. Royal Purple (½ Vial 45c.).....	.90	79. Light Ivory.....	.45
53. Yellow Brown.....	.40	68. Blue Violet (½ Vial 40c.).....	.80	80. White for Mixing.....	.50
54. Apple Green.....	.45				
55. Dark Green.....	.55				
56. Grass Green.....	.35				

## Matt or Gouache Colors

PER VIAL		PER VIAL		PER VIAL	
Ivory Vellum.....	.30	Bronze Green.....	.40	Indian Red.....	.25
Old Ivory.....	.30	Olive Green.....	.40	Pompadour.....	.30
Light Yellow.....	.30	Light Turquoise Blue..	.40	Yellow Brown.....	.25
Golden Yellow.....	.40	Dark Turquoise Blue..	.40	Golden Brown.....	.30
Orange Yellow.....	.25	Deep Blue.....	.30	Bronze Brown.....	.30
Pale Green.....	.30	Purple (½ Vial 40c.)...	.80	Soft Grey.....	.25
Yellow Green.....	.30	Lavender.....	.45	Black.....	.35
Empire Green.....	.35	Rose.....	.35	White.....	.25
Meadow Green.....	.30	Cardinal Red.....	.40		

## Oils and Mediums

Oils and Mediums						Dresden Thick Oil				
Fry's Medium	1 oz.	.30	Clove Oil (½ bottle 50c.)	1 oz.	1.00			Oil	½ oz.	.35
Fry's Special Tinting Oil	1 "	.60	Tar Oil	1 "	.20			Liquid Bright Gold, etc.		
Fry's Enamel Medium	1 "	.45	Balsam Copaiba	1 "	.30					
Fry's Oil for Raised Paste	1 "	.30	Lavender Oil (½ bottle 35c.)	1 "	.70					
English Grounding Oil	1 "	.35	Fat Oil of Turpentine	1 "	.90					
			Dresden Thick Oil	1 "	.60					
			Fat Oil of Turpentine	½ "	.45					

## Liquid Bright Gold, etc.

	PER VIAL
Liquid Bright Gold. . . . .	.80
Liquid Bright Silver. . . . .	2.00
Gold Essence for thin- ning. . . . .	.30

Fry's Liquid Lustres

PER VIAL	PER VIAL	HALF VIALS
Grey.....\$ .40	Covering for Gold Lustre (to produce Deep Violet).....\$ .35	Gold Lustre.....\$ .40
Pearl Grey......35	Gold Lustre......80	Steel Blue......75
Blue Grey......45	Dark Blue......80	Brown......50
Yellow......40	Steel Blue.....1.50	Copper......90
Rich Irid Yellow......35	Light Blue......40	Iridescent Rose......65
Orange......35	Copper.....1.70	Purple......50
Shammy......40	Iridescent Rose.....1.25	Violet......40
Brown.....1.00	Purple.....1.00	Dark Blue......40
Yellow Brown......40	Violet......80	Ruby.....1.25
Rose......75	Ruby.....2.50	Black......85
Light Green......40	Black.....1.70	Silver.....2.00
Dark Green......70	Silver.....1.00	Rose......40
Blue Green......80	Chatoyant.....1.60	Blue Green......40
Olive Green......40	Turquoise......40	Chatoyant......80
Blue......45	Lavender......60	
Mother of Pearl......40		
Opal......45		
White......35		

Fry's Beginners' China Painting Outfits

Outfit	
"A"—Polished Wood Box, 3¾ x 8½ x 1¾ inches, containing 12 vials Fry's China Colors, 1 bottle Fry's Medium, 1 Palette Knife, 3 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$5.00
"B"—Polished Wood Box, 3¾ x 10½ x 1¾ inches, containing 15 vials Fry's China Colors (including Ruby), 1 bottle Fry's Medium, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$6.25
"C"—Fry's Eclipse Palette, containing 15 vials Fry's China Colors (including Ruby), 1 bottle Fry's Medium, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$7.75
"D"—Wooden Outfit Box with Handy Palette, 8¾ x 10¾ x 2¾ inches, containing 26 vials Fry's China Colors, 2 boxes Fry's Gold, 3 bottles Fry's Mediums, 1 Handy Palette, 1 Palette Knife, 5 Camel Hair Painting Brushes, and 1 Red Sable Liner, each complete.....	\$15.00
Wooden Outfit Box (with Handy Palette) empty, each.....	\$3.50



# Campana's Colors for China Painting

Yellow and Ivories	PER VIAL
Trenton Ivory.....	\$0.13
Imperial Ivory.....	.13
Ivory Yellow.....	.13
Neutral Yellow.....	.13
Primrose Yellow.....	.13
Deep Yellow Orange.....	.13
Egg Yellow.....	.13
Lemon Yellow (rich).....	.15
Albert Yellow.....	.15

Rose and Pinks	
Sweet Pea, pink.....	.16
Rose Color, best.....	.20
Rose Salmon.....	.17
Peach Blossom.....	.25
American Beauty.....	.30

Greens	
Water Green (light).....	.13
Olive Green.....	.13
Brown Green.....	.13
Shading Green.....	.15
Peacock Green.....	.13
Persian Green.....	.13
Gray Green.....	.13
Sultan Green (rich).....	.13
Russian Green.....	.13
Empire Green.....	.13
Myrtle Green.....	.13
Moss Green.....	.13
Royal Green.....	.13
Apple Green.....	.13
New Green.....	.13
Deep Blue Green.....	.15
Yellow Green.....	.15
Shading Green.....	.15
Darkest Green.....	.15

Browns	PER VIAL
Yellow Brown.....	\$0.15
Chestnut Brown.....	.13
Meissen Brown.....	.13
Deep Red Brown.....	.13
Finishing Brown (No. 2).....	.13
Coffee Brown.....	.13
Finishing Brown.....	.20
Auburn Brown.....	.15
Hair Brown.....	.15

Reds	
Blood Red (No. 2).....	.13
Yellow Red (No. 2).....	.13
Pompadour Red (dark).....	.20
Carnation.....	.13
Pompadour Red (light).....	.13
Poppy Red.....	.20
Yellow Red.....	.20
Blood Red.....	.20

Blues	
Sevres Blue.....	.13
Turquoise Blue.....	.13
Baby Blue.....	.13
Copenhagen Blue.....	.13
Black Blue.....	.13
Air Blue.....	.30
Royal Blue.....	.30
Aztec Blue.....	.30
Banding Blue.....	.15

Flesh Tints	
Flesh, soft tint.....	.20
Flesh, shadow.....	.20
Flesh, dark shadow.....	.20
Flesh, gray.....	.20
Flesh, transparency.....	.20
Hair Black.....	.25

Grays	PER VIAL
Satsuma Tint.....	\$0.13
Warm Gray.....	.13
Gray for Flowers.....	.13
Royal Copenhagen Gray.....	.15
Flesh Gray.....	.20
Pearl Gray.....	.15
Ashes of Roses.....	.25

Blacks	
Best Black.....	.13
Outlining Black.....	.13
Purple Black.....	.20
Hair Black.....	.25
Intense Black.....	.25

Violets	
Violet Color, No. 2.....	.15
Violet Color.....	.22
Violet of Iron, No. 2.....	.13
Violet of Iron.....	.20
Deep Violet of Gold.....	.35
Light Violet of Gold.....	.30

Glazes and Fluxes	
Flux, soft or hard.....	.13
Ivory Glaze, for dusting.....	.13
Green Glaze, for dusting.....	.13
Pink Glaze, for dusting.....	.13
Blue Glaze, for dusting.....	.13
Lavender Glaze.....	.15

Purples and Rubies	
Royal Purple.....	.32
Crimson Purple.....	.50
Ruby Purple, brilliant.....	.50
Ruby Purple, No. 2.....	.45

## Campana's Lustre Colors

	PER BOT.	$\frac{1}{2}$ BOT.
Opal.....	\$0.18	\$0.10
Orange.....	.18	.10
Warm Gray.....	.18	.10
Yellow.....	.18	.10
Light Green.....	.18	.10
White.....	.18	.10
Shammy Brown.....	.18	.10
Yellow Brown.....	.18	.10
Mother of Pearl.....	.24	.15
Yellow Pearl.....	.28	.17
Green Pearl.....	.28	.17
Pigeon Gray Pearl.....	.28	.17
Lilac.....	.28	.17

	PER BOT.	$\frac{1}{2}$ BOT.
Gray Green.....	\$0.18	\$0.10
Black Blue.....	.50	.30
Bright Ruby.....	.75	.40
Brilliant Green.....	.28	.17
Olive Green.....	.28	.17
Blue Gray.....	.28	.17
Dark Green.....	.35	.20
Transpt. Green.....	.45	.30
Turquoise Blue.....	.28	.17
Blue Green.....	.45	.30
Black.....	1.50	.75
Rose.....	.55	.30
Dark Blue.....	.55	.30

	PER BOT.	$\frac{1}{2}$ BOT.
Iridescent		
(strong).....	\$0.60	\$0.35
Steel Blue.....	.60	.35
Violet.....	.65	.40
Purple.....	.70	.40
Silver Lustre.....	2.00	1.15
Gold Lustre.....	1.00	.60
Copper bronze.....	1.15	.65
Ruby.....	1.10	.65
Essence for thin-		
ning.....	.12	..
Marble covering.....	.12	..
Brown Dk.....	1.50	.75

	PER BOTTLE
Medium for Mixing Colors.....	\$0.18
Diluting Medium.....	.25

## M. M. Mason's Colors

Yellows		Greens			
	PER VIAL		PER VIAL		PER VIAL
Ivory.....	\$0.25	Apple Green.....	\$0.20	Banding Blue.....	\$0.25
Trenton Ivory.....	.20	Celadon.....	.25	Royal Blue.....	.75
Lemon Yellow.....	.25	Grey Green.....	.20		
Albert Yellow.....	.25	Sevres Green.....	.25	<b>Greys</b>	
Egg Yellow.....	.25	Moss Green.....	.20	Copenhagen Grey.....	.30
Neutral Yellow.....	.25	Yellow Green.....	.25	French Grey.....	.45
		Olive Green.....	.25	Pearl Grey.....	.25
		Brown Green.....	.20	Warm Grey.....	.25
		Shading Green.....	.25	Slate Grey.....	.25
		Myrtle Green.....	.20		
		Royal Green.....	.20	<b>Pinks, Purples and Violets</b>	
		Empire Green.....	.25	Peach Blossom.....	.20
		Grounding Green.....	.20	Rose.....	.25
		Dark Green.....	.20	Rose for grounds.....	.25
		Black Green.....	.20	Hancock's Carmine.....	.25
		Russian Green.....	.25	Ruby.....	.80
		Blue Green.....	.40	Best English Maroon.....	.75
		Dark Blue Green.....	.30	Violet.....	.40
		Chinese Green.....	.25		
				<b>Blacks</b>	
		<b>Blues</b>		Black (best for painting and outlining)...	.20
		Copenhagen Blue.....	.25	Hard Black.....	.25
		Turquoise Blue.....	.40		
		Persian Blue.....	.30		

## Matt Colors for Ground-Laying

	PER VIAL		PER VIAL		PER VIAL
Matt Old Ivory.....	\$0.25	Matt Deep Red.....	\$0.25	Matt Bleachey Blue.....	\$0.25
Matt Bronze Green.....	.25	Matt Wedgewood Blue.....	.30		

## Colored Relief Enamels

### Relief Enamels—Soft

	PER VIAL		PER VIAL		PER VIAL
Air Blue.....	\$0.40	Vermilion.....	\$0.55	Orange.....	\$0.55
Austrian Blue.....	.75	Emerald Green.....	.55	Soft Yellow.....	.40
Canton Blue.....	.75	Florentine Green.....	.55	Ochre.....	.40
Celeste.....	.40	Grass Green.....	.55	Stem Brown.....	.40
Dark Blue.....	.75	Leaf Green.....	.55	Chinese Rose.....	.75
Lavender Blue.....	.55	May Green (Very transparent).....	.55	Light Carmine.....	.75
Nankin Blue (Very transparent).....	.55	Sage Green.....	.40	Lilac.....	.75
Old Blue.....	.55	Shadow Green.....	.55	Manganese.....	.55
Oriental Turquoise.....	.75	Willow Green.....	.55	Red Violet.....	.75
Sky Blue.....	.55	Citron Yellow.....	.40	Black.....	.55
Indian Red.....	.55	Grey Yellow.....	.40	Best White Enamel.....	.35
Madder Red.....	.90	Imperial Yellow.....	.40	Extra Soft White Enamel.....	.35

### Relief Enamels—Hard

Brilliant Blue—Hard.....	\$0.55	Dark Green—Hard.....	\$0.40	Golden Yellow—Hard.....	\$0.40
Canton Blue—Hard.....	.75	Light Green—Hard.....	.40	Light Yellow—Hard.....	.40
Delft Blue—Hard.....	.75	Sea Green—Hard.....	.55	Medium Yellow—Hard.....	.40
Grey Blue—Hard.....	.40	Silver Green—Hard.....	.40	Black—Hard.....	.40
Nankin Blue (Very transparent).....	.55	Crimson—Hard.....	.90	Hard White Enamel—Hard.....	.35
Rich Turquoise—Hard.....	.70	Rose—Hard.....	.40	Extra Hard White Enamel.....	.35
Deep Brown—Hard.....	.35	Blue Violet—Hard.....	.55		
		Mauve—Hard.....	.40		

# Mueller & Hennig's Royal Dresden China Colors

Moist In Tubes



## BLACKS

No.		Per Tube
753/31.	Brunswick Black.....	\$0.60
" 32.	Outlining Black.....	.35

## BLUES

753/16.	Banding Blue.....	.30
" 14.	Carmine Blue.....	.65
" 13.	Dark Blue.....	.50
" 56.	Delft Blue.....	.30
" 12.	Air Blue.....	.50
" 26.	Light Blue.....	.30
" 15.	Turquoise Blue.....	.50

## BROWNS

753/43.	Chestnut Brown.....	.35
" 36.	Chocolate Brown.....	.45
" 30.	Dark Brown.....	.30
" 27.	Finishing Brown.....	.30
" 28.	Sepia Brown.....	.30
" 29.	Yellow Brown.....	.30

## GREENS

753/42.	Black Green.....	.35
" 8.	Blue Green, dark.....	.35
" 7.	Blue Green, light.....	.55
" 52.	Brown Green.....	.30
" 9.	Dark Green.....	.35
" 25.	Grass Green.....	.45
" 11.	Olive Green.....	.35
" 10.	Shading Green.....	.40
" 39.	Turquoise Green.....	.40
" 6.	Yellow Green.....	.35

## GREYS

753/33.	Grey for Flowers.....	.30
" 37.	Grey for Flesh.....	.30

## REDS

No.		Per Tube
753/24.	Brown Red.....	\$0.35
" 34.	Flesh Red.....	.30
" 23.	Pompadour Red.....	.30
" 44.	Superior Pompadour Red.....	.35
" 22.	Yellow Red.....	.35

## PINKS, PURPLES AND MAROON

753/53.	Carmine.....	.70
" 18.	Carmine Purple.....	.85
" 19.	Deep Purple.....	.85
" 17.	Rose Purple.....	.70
" 38.	Rose.....	.65
" 21.	Blue Violet.....	.60
" 20.	Deep Violet.....	1.00
" 55.	Violet of Iron.....	.30
" 54.	Ruby Purple.....	.90
" 57.	Maroon.....	.60

## WHITE

753/1.	Relief White.....	.60
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## YELLOWS

753/41.	Albert's Yellow.....	.30
" 4.	Canary Yellow.....	.35
" 2.	Egg Yellow.....	.35
" 35.	Ivory Yellow.....	.30
" 3.	Lemon Yellow.....	.35
" 5.	Relief Yellow.....	.30
" 45.	Yellow Ochre.....	.30

## FLUX

753/40.	Flux.....	.30
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# Lacroix's China Colors in Tubes

No.	Blacks	PER TUBE		PER TUBE		PER TUBE		
1.	Raven Black	\$.046	43.	Duck Green	\$.060	82.	Reddish Brown	\$.046
2.	Ivory Black	.46	44.	Moss Green V.	.46	83.	Shammy Brown	.46
<b>Blues</b>			45.	Moss Green J., Yellowish	.46	84.	Carmelite	.46
106.	Two Fire Blue	.46	46.	Night Green	.60	85.	Celandon	.46
3.	Dark Blue	.46	47.	Olive Green	.46	86.	Light Coffee	.46
4.	Common Blue	.46	<b>Greys</b>			87.	Chrome Water- Green	.46
5.	Deep Blue	.46	48.	Grey No. 1, light	.46	88.	Copper Water- Green	.46
6.	Deep Ultramarine	.60	49.	Grey No. 2	.46	89.	Grounding Green	.46
7.	Light Sky Blue	.46	50.	Pearl Grey No. 6	.46	90.	Steel Grey	.46
8.	Sky Blue	.46	51.	Neutral Grey	.46	91.	Turtle-dove Grey	.46
9.	Victoria Blue	.46	52.	Warm Grey	.46	92.	Isabella	.46
10.	Old Blue	.46	<b>Ochres</b>			93.	Fusible Lilac	.60
10e.	Delft Blue	.46	53.	Dark Ochre	.46	94.	Maize	.46
107.	Blue No. 29	.46	54.	Yellow Ochre	.46	95.	Mauve	.70
110.	Cornflower Blue	.46	<b>Purples</b>			96.	Coral Red	.46
111.	Old Rouen Blue	.46	55.	Purple No. 2	.80	97.	Rose Pompadour	.70
<b>Browns</b>			56.	Crimson Lake	.70	98.	Salmon	.46
11.	Black Brown	.46	57.	Crimson Purple	1.00	99.	Turquoise Blue	.60
12.	Chestnut Brown	.46	58.	Deep Purple	1.00	100.	Turquoise Green	.60
13.	Otter Brown	.46	59.	Ruby Purple	1.25	101.	Chinese Yellow	.46
14.	Van Dyke Brown	.46	<b>Reds</b>			102.	Gold Bud	.46
103.	Gilliflower Brown	.46	60.	Capucine Red	.46	105.	Very Fusible Rose	.60
15.	Brown No. 3	.46	61.	Laky Red	.46	<b>Lacroix's New Colors</b>		
16.	Brown No. 4 or 17	.46	62.	Orange Red	.46	112.	Coalport Green, light	.46
17.	Brown M or 108	.46	63.	Bright Red	.46	113.	Coalport Green, dark	.46
18.	Dark Brown	.46	104.	Bengal Rose	.60	114.	Albert's Yellow	.70
19.	Deep Red Brown	.46	64.	Japan Rose	.70	115.	Egg Yellow	.60
20.	Light Brown	.46	108.	Chinese Rose	.60	116.	Brunswick Black	.80
21.	Sepia	.46	<b>Relief</b>			117.	Air Blue	.46
22.	Yellow Brown	.46	65.	Relief, for Gold	.46	118.	Grey for Flesh	.46
<b>Carmines</b>			<b>Violets</b>			119.	Flame Red	.46
23.	Light Carmine A.	.60	66.	Deep Violet of Gold	.80	120.	Shading Green	.60
24.	Light Carmine 1.	.60	67.	Light Violet of Gold	.70	121.	Royal Copenhagen Grey	.60
25.	Carmine No. 2	.70	68.	Violet of Iron	.46	121½.	Royal Copenhagen Grey-Warm	.60
26.	Deep Carmine 3	.70	69.	Grey Violet of Iron	.46	122.	Canary Yellow	.46
<b>Carnations</b>			<b>Whites</b>			123.	Blue Green, light	.70
27.	Carnation No. 1	.46	70.	Chinese White	.46	124.	Blue Green, dark	.70
28.	Carnation No. 2	.46	71.	Permanent White	.46	125.	Rose	.70
29.	Carnation Deep	.46	<b>Yellows</b>			126.	Grey for Flowers	.46
<b>Flux</b>			72.	Ivory Yellow	.46	127.	Pompadour Red No. 23	.46
30.	Flux	.46	73.	Jonquil Yellow	.46	128.	Outlining Black	.46
<b>Greens</b>			74.	Yellow for mixing	.46	129.	Sevres Blue	.60
31.	Grass Green No. 5	.46	75.	Orange Yellow	.46	130.	Superior English Pink	.46
32.	Brown Green No. 6	.46	76.	Permanent Yellow	.46	131.	Maroon	1.25
33.	Dark Green No. 7	.46	77.	Silver Yellow	.46	132.	Pansy	.80
34.	Green No. 36T	.46	<b>Grounding Colors</b>			133.	Peach Blossom	.70
35.	Apple Green	.46	78.	Celestial Blue	.46	134.	Rose Leaf Green	.46
36.	Deep Blue Green	.60	79.	Indian Blue	.60	135.	Old Holland Blue	.46
37.	Chrome Green 3B	.46	80.	Lavender Blue	.46	136.	Dubarry Pink	.60
38.	Deep Chro. Green	.46	81.	Marine Blue	.60	137.	Best Orange	.46
39.	Deep Green	.46				138.	Gold Grey	.70
40.	Emerald Stone Gr.	.46				109.	Relief White	.46
41.	Sap Green	.46						
42.	Bronze Green	.60						

# Liquid Lustre Colors

For China and Earthenware

No.	lb. oz. bot.	No.	lb. oz. bot.
S10A. Aluminum.....		S31. Smoke Grey.....	
S10. Black (Gun Metal Effect).....		S32. Platinum.....	
S11. Dark Blue.....		S32A. Heliotrope.....	
S11A. Baby Blue.....		S33. Purple.....	
S11B. Robins Egg Blue.....		S33A. Red.....	
S12. ELARCO Blue, very rich.....		S34. Rose or Pink, No. 1..	
S12A. Light Blue.....		S34A. Special Rose.....	
S12B. Light Blue, No. 2....		S35. Rose or Pink, No. 2..	
S13. Steel Blue.....		S35A. Elarco Carmine.....	
S13A. Turquoise Blue, No. 1.		S36. Ruby, No. 1, extra deep.....	
S13B. Turquoise Blue, No. 2.		S37. Ruby, No. 2.....	
S14. Brown.....		S38. Ruby, No. 3.....	
S15. Orange Brown, very rich.....		S39. Ruby, No. 4.....	
S16. Shammy Brown.....		S39A. Elarco Maroon.....	
S17. Yellow Brown.....		S40. Silver.....	
S18. Copper Bronze.....		S40A. Silver, No. 2.....	
S18A. Elarco Copper.....		S40B. Violet.....	
S19. Gold Lustre, No. 1...		S41. White, No. 1.....	
S20. Gold Lustre, No. 2...		S42. White, No. 2.....	
S20A. Apple Green.....		S43. Yellow.....	
S21. Blue Green.....		S43A. Amber.....	
S21A. Elarco Green.....		S44. Deep Yellow.....	
S21B. Celadon.....		S45. Orange Yellow, extra..	
S22. Dark Green.....		S45A. Deep Orange.....	
S22A. Light Green.....		S45B. Orange, No. 1701....	
S22B. Emerald Green.....		S46. Ivory.....	
S23. Moss Green.....		S47. Old Ivory.....	
S24. Royal Green, very rich.....		S48. Iridescent Lustre....	
S25. Special Green.....		S48A. Mother of Pearl.....	
S26. Venetian Green, Iridescent Yellow Green.....		S48B. Opal.....	
S29. Yellow Green.....		S49. Iridescent Rose.....	
S30. Light Grey.....		S49A. Iridescent Yellow Green.....	
S30A. Pearl Grey.....		S50. Iridescent Yellow....	
		S50A. Flux for Lustres.....	
		S51. ESSENCE for THINNING LUSTRES..	

*Lustres especially prepared for Glass, page 44*

## Underglaze Colors

### For Painting, Printing, and Spraying

To be Fired at Cone 02 (1110° C or 2030° F)

Sole Agents for Hancock's Mazarine Blues, and Blacks

No.	lb.	oz.	No.	lb.	oz.
S60.	Best Black, Hancock's.....		S77.	Flowing Green, No. 2, for printing.....	
S60A.	Black, No. 38, Hancock's....		S77A.	Flowing Green, special.....	
S60B.	Black, No. 9021.....		S77B.	Grass Green, No. 9007.....	
S60C.	Chrome Black, Hancock's....		S78.	Grass Green, No. 1, for printing.....	
S61.	Canton Blue, Hancock's.....		S78A.	Peacock Green, 203 M.....	
S61A.	China Blue, No. 9003.....		S78B.	Light Green, No. 9006.....	
S62.	Cobalt Blue, No. 1, strong..		S79.	Sage Green, Hancock's.....	
S62A.	Cobalt Blue, for spraying...		S79A.	Sevres Green.....	
S63.	Delft Blue.....		S80.	Victoria Green.....	
S63A.	Light Blue, No. 9004.....		S81.	Dove Grey.....	
S64.	Matt Blue, No. 1.....		S82.	Neutral Grey.....	
S65.	Matt Blue, No. 2.....		S83.	Heliotrope.....	
S66.	Hancock's MAZARINE BLUE, Best Quality, in 1-lb. sealed packages...		S83A.	Lilac, No. 9023.....	
S67.	Hancock's Mazarine Blue, No. 1, in 1 lb. sealed pack- ages.....		S83B.	Lilac, No. 9012.....	
S67A.	Chestnut Brown.....		S84.	Mauve.....	
S67B.	Turquoise Blue, No. 9005...		S85.	Mulberry.....	
S67C.	Black Brown, No. 9014.....		S85A.	Crimson.....	
S68.	Chocolate Brown.....		S85B.	Dragon Red.....	
S68A.	Chocolate Brown, No. 9017.....		S86.	Pink, No. 1.....	
S69.	Claret Brown.....		S86A.	Pink Dubarry, for American Glazes.....	
S70.	Dark Brown.....		S86B.	Pink Oxide No. 9010.....	
S71.	Light Brown.....		S87.	Purple.....	
S71A.	Light Brown, No. 9016.....		S88.	Violet.....	
S72.	Vandyke Brown, for print..		S88A.	Violet No. 9022.....	
S72A.	Walnut Brown, No. 9015....		S89.	Japanese Red.....	
S73.	Venetian Brown, for print..		S90.	Scarlet Red.....	
S73A.	Walnut Brown.....		S91.	Red T (Lacroix's Rouge T).....	
S73B.	Electric Green, very rich...		S92.	White for Mixing.....	
S73C.	Banding Green, No. 9008....		S92A.	Dark Yellow, No. 9018.....	
S73D.	Dark Green, No. 9009.....		S92B.	Dark Yellow, No. 9020.....	
S74.	French Green, for printing..		S92C.	Light Yellow, No. 9019....	
S74A.	French Green, No. 2.....		S93.	Regular Yellow.....	
S75.	Florentine Green, for print..		S93A.	Special Yellow.....	
S76.	Flowing Green, No. 1, for printing.....		S94.	Silver Yellow.....	
			S94A.	Orange, strong.....	
			S95.	Flowing Powder.....	

### No. 900 COBALT BLUE 2205

For printing, banding and spraying on the biscuit. Requires no hardening on. Can be applied, glazed and fused in one fire, in glaze kiln. Does not flow and remains where put.

**Majolica Colors****Or Prepared Colored Glazes**

Ready for use, to be mixed with water for

**Earthenware, Tiles, Bricks, Etc.**

No.	Cone	lb.	oz.
940. Black.....	05		
941. Azure Blue.....	07		
941A. Cobalt Blue.....	07		
942. Mazarine Blue.....	07		
943. Transparent Blue.....	07		
943A. Brown.....	07		
944. Chestnut Brown.....	07		
945. Olive Brown.....	07		
946. Purple Brown.....	07		
947. Blue Green.....	07		
948. Bronze Green.....	07		
949. Dark Green.....	07		
949A. Grey Green.....	07		
950. Jade Green.....	07		
951. Olive Green.....	07		
951A. Olive Green.....	07		
952. Smoke Green.....	07		
952A. Gun Metal.....	010		
953. Crimson, very rich.....	07		
954. Pink.....	07		
955. Plum.....	05		
956. Turquoise, Persian.....	013		
956A. Turquoise, Royal.....	013		
957. Primrose Yellow.....	013		
958. Golden Orange.....	07		
959. Indian Orange.....	07		
960. Dragon Red.....	07		
961. Sang de Boeuf.....	07		
962. Rose Blush.....	07		
963. Photo Brown.....	07		
964. Majolica Glaze or Flux.....			

**Fancy Glazes for Art Pottery**

No.	Cone	lb.	oz.
1028. Chinese Brown.....	010		
1029. White Star.....	02 to 1		
1030. Blue Star.....	01 to 1		
1030A. Blue Star Brown.....	01 to 1		
1030B. Green Sage Star.....	05		
1030C. Yellow Star.....	05		
1031. Crystalline.....	1		
1032. Green Crystalline.....	010 to 05		
1033. Brown Frosted.....	010		
1034. Green Frosted.....	010		
1035. Sevres Yellow			
Shell.....	010		
1036. Plata (Polished			
Steel).....	010		
1037. Opaline.....	010 to 05		
1038. Aventurine.....	010		

Important: Star Glazes require slow cooling.

**Prepared Oxides or Glaze Stains**

To be mixed in proportion of 1 part Stain to 10 parts Glaze and up according to shade desired. Write for general directions.

No.	Cone	lb.	oz.
965. Black.....	08		
966. Mazarine Blue.....	08		
967. Red Brown.....	08		
968. Brilliant Pink.....	08		
969. French Green.....	08		
970. Silver Grey.....	08		
971. Sang de Boeuf.....	08		
972. Persian Turquoise.....	012		
973. Royal Turquoise.....	012		
974. Canary Yellow.....	012		
975. Indian Orange.....	012		

**Prepared Body Stains****For Earthenware, Bricks, Tiles, Etc.**

No.	lb.	oz.
980. Black.....		
981. Blue.....		
982. Brown.....		
983. Grass Green.....		
984. Pea Green.....		
985. Marine Green.....		
986. Salmon.....		
987. Ivory.....		
988. White for mixing.....		

**Prepared Glazes**

Ready for use, to be mixed with water to the consistency of cream, then lained.

When the Glaze settles too quickly to the bottom, a little Borax, about 5% dissolved in hot water, will prevent it.

No.	lb.	oz.
1000. Hard Leadless Glaze for printed goods.....	05	
1001. Med. Leadless Glaze.....	010	
1002. Soft Leadless Glaze.....	012	
1003. Lead Glaze for general ware and Underglaze colors.....	05	
1004. Barbotine Glaze.....	05	
1005. Stannifere Glaze.....	05	

(Special prices for quantities.)

Numerous other Glazes, for any purpose desired, can be furnished.

Matt Glazes  
For Pottery, Tiles, Bricks, etc.  
Ready for Use

Fire at Cone 04 (1070° C–1958° F) to Cone 02 (1110° C–2030° F)

No.	lb.	oz.
1039. Black		
1039A. Grey Green		
1039B. Moss Green		
1039C. Berry Green		
1039D. Sage Green		
1039E. Bright Green		
1039F. Yellow Green		
1040. Antique Green, dark		
1041. Antique Green, medium		
1042. Antique Green, light		
1042A. Dark Blue		
1043. Grey Blue, light		
1044. Grey Blue, dark		
1044A. Robins Egg Blue		
1044B. Nut Brown		
1044C. Dark Brown		
1044D. Sepia Brown		
1044E. Light Grey		
1045. Brilliant Red		
1046. Yellow, Buff		
1047. White		
1048. Cream		
1048A. Ivory		
1049. Old Ivory		

Instructions

Dissolve ½ oz. of Gum Tragacanth in about one quart of water and add a tablespoonful of this solution to 1 pint of water and 1 pound of Glaze, which gives a thick paste. Apply this heavy on the green ware or biscuit (a slight shaking will give a smooth coating). In firing, do not cool off quickly; slow cooling off is of the utmost importance to obtain a good matt result. By mixing with each other innumerable tints can be produced.

IMPORTANT

CLEAN WARE—SATURATE COMPLETELY IN CLEAN WATER AND  
WIPE DRY BEFORE GLAZING.

AVOID FINGER MARKS, ETC., ON GLAZE BEFORE FIRING.

HEAVY APPLICATION IS ESSENTIAL, AS IT ASSURES A FINER TEXTURE



## Prepared Oxides, Color Bodies

For coloring the Enamel for Iron Enamellers, etc.

No.	lb.	oz.	No.	lb.	oz.
3001.			3049.		
3002.			3050.		
3003.			3051.		
			3055.		
3010.			3056.		
3013.			3057.		
3014.			3058.		
3015.			3059.		
3015A.			3060.		
3016.			3061.		
3017.			3062.		
3018.					
			3065.		
3025.			3070.		
3027.			3071.		
3030.			3072.		
3031.			3075.		
3032.			3076.		
3033.			3076A.		
3034.			3077.		
3034A.			3079.		
			3080.		
3040.			3080A.		
3041.			3085.		
3042.			3086.		
3043.					
3044.			3090.		
3045.			3091.		
3046.			3092.		
3047.			3093.		
3048.			3094.		
			3095.		

Above Oxides may be used for painting or printing on fired enamels if glazed over with our special soft flux No. 249 or by adding our special soft flux No. 249 to the oxide before applying.

## Colored Enamels for Iron

Prepared ready for use

No.	lb.	oz.
3150.		
3155.		

## White Enamels for Copper, Iron, Metal, etc.

In lumps or ground ready for use. Require a heat of about 850° Cent.

No.	lb.	oz.	No.	lb.	oz.
1010.			1015.		
1011.					
1012.			1016.		
1013.					
1014.					

# GLASS COLORS

For Opal, Crystal and Window Glass

Require a heat of about 590 to 620 degrees Cent. Cone 022 and 021

Color of heat in kiln, Dark Red

BLACKS			BROWNS		
No.	lb.	oz.	No.	lb.	oz.
1050.	Best Black, superior.....		1109.	Ancient Brown, Hancock's.....	
1050A.	Acid Resisting Black.....		1109A.	Ancient Brown, soft.....	
1050B.	Best Black No. 135.....		1110.	Bistre Brown, No. 7, Hancock's.....	
1051.	Blue Black.....		1111.	Bitumen Brown, No. 1.....	
1052.	French Black.....		1112.	Bitumen Brown, No. 2.....	
1053.	Glass Black, transparent.....		1113.	Brinswick Brown, Hancock's.....	
1054.	Grey Black.....		1114.	Chestnut Brown.....	
1055.	Jet Black.....		R.	Chestnut Brown, No. 4095.....	
1056.	Outlining Black.....		1115.	Chocolate Brown.....	
1057.	Printing Black, No. 151.....		1116.	Dark Brown, No. 1.....	
1057A.	Purple Black.....		1117.	Dark Brown, No. 2.....	
1058.	Soft Black.....		1118.	Dark Brown, No. 3.....	
1059.	Stenciling Black, superior.....		R.	Dark Brown, 4017.....	
1060.	Transparent Black, best.....		1119.	German Brown, No. 50.....	
1061.	Tracing Black, No. 1.....		1120.	Hair Brown, No. 1.....	
1062.	Tracing Black, No. 2.....		1121.	Hair Brown, No. 2.....	
1063.	Tracing Black, No. 61, Hancock's.....		1122.	Hair Brown, No. 3.....	
			R.	Hair Brown, No. 4014.....	
			1123.	Lilae Brown.....	
			1124.	Meissen Brown.....	
			R.	Nut Brown, No. 4020.....	
			1125.	New Brown.....	
			1126.	Paris Brown, very dark.....	
			1127.	Pompadour Brown.....	
			1128.	Printing Brown.....	
			1129.	Red Brown, soft.....	
			1130.	Red Brown, for printing.....	
			1130A.	Sepia Brown, hard.....	
			R.	Rookwood Brown, No. 4087.....	
			1131.	Shammy Brown for spraying.....	
			1132.	Shammy Brown, French.....	
			1132A.	Shammy Brown, special.....	
			1133.	Stencil Brown.....	
			1134.	Tracing Brown, No. 1, Hancock's.....	
			1135.	Transparent Dark Brown.....	
			1136.	Transparent Sepia Brown.....	
			1137.	Transp. Shammy Brown.....	
			1138.	Transparent Yellow Brown.....	
			1139.	Umber Brown, Hancock's.....	
			1139A.	Umber Brown, soft.....	
			1140.	Vandyke Brown.....	
			1141.	Violet Brown, very rich.....	
			1142.	Walnut Brown.....	
			1143.	Yellow Brown, No. 1.....	
			1144.	Yellow Brown, No. 2.....	
			1145.	Yellow Brown, No. 3.....	

## BLUES

1075.	Banding Blue, deep.....
1076.	Celestial Blue, No. 1, transparent.....
1077.	Celestial Blue, No. 2.....
R.	Celestial Blue, 4403.....
1077A.	Dark Blue, transparent.....
1078.	Dark Blue, No. 1.....
1079.	Dark Blue, No. 2.....
1080.	Deep Blue.....
1081.	Delft Blue.....
1082.	Glass Blue, No. 20, transparent.....
1083.	Lavender Blue.....
1084.	Light Blue, transparent.....
1085.	Limoges Blue, superior.....
1086.	Meissen Blue.....
1087.	Outremer Blue, No. 3.....
1088.	Peacock Blue.....
1089.	Royal Blue.....
1089A.	Strong Blue.....
1090.	Transparent Blue, No. 1, for staining.....
1091.	Transparent Blue, No. 2, for staining.....
1091A.	Transparent Blue, No. 172.....
R.	Transparent Blue, No. 4072.....
1092.	Ultramarine Blue, No. 1.....

## Glass Colors

## CARMINES AND PINKS

No.	lb.	oz.
1160.	Deep Carmine.....	
1161.	Light Carmine.....	
1162.	Purple Carmine.....	
1163.	Rose Carmine.....	
1164.	Superior Carmine.....	
1165.	Rose Pink.....	
1166.	Spraying Carmine.....	

## FLUXES FOR GLASS COLORS

1175.	Crystal Flux.....
R.	Crystal Flux, No. 4029.....
1176.	Enamel Flux.....
1177.	English Flux, No. 75, soft.....
1178.	Extra Soft Flux, No. 1.....
1179.	Extra Soft Flux, No. 10.....
1180.	Extra Soft Flux, No. 20.....
1181.	Flux for Blues.....
1182.	Flux for Blues and Greens.....
1183.	Flux for Carmines and Purples.....
1183A.	Flux for Transp. Colors.....
1184.	Flux for White Enamels.....
1185.	Flux, No. 1, German.....
1186.	Flux, No. 2, German.....
1187.	Special Soft Flux, No. 1.....
1190.	Special Soft Flux, No. 2.....
1191.	Leadless Flux.....

## GREENS

1200.	Apple Green, No. 1.....
1201.	Apple Green, No. 2.....
1202.	Berlin Green, extra deep.....
1203.	Berlin Green, No. 2.....
1204.	Black Green, No. 1, very dark.....
1205.	Black Green, No. 2, dark.....
R.	Black Green, No. 4042.....
1206.	Blue Green, for Grounds.....
1207.	Blue Green, transparent.....
R.	Blue Green, greenish, 4057.....
R.	Blue Green, bluish, No. 4054.....
R.	Brilliant Green, No. 4090.....
1208.	Blue Green, No. 4.....
1209.	Bronze Green, very rich.....
1210.	Bronze Green, No. 50.....
1211.	Brown Green, very rich.....
1212.	Brown Green, No. 12.....
1213.	Celeste Green.....

## GREENS

No.	lb.	oz.
1214.	Coalport Green.....	
1214A.	Dark Green, No. 1.....	
1215.	Dark Green, for Grounds.....	
1216.	Delft Green.....	
1217.	Duck Green.....	
1218.	Electric Green, No. 1.....	
1219.	Electric Green, No. 2.....	
1220.	French Green.....	
R.	French Green, bluish, No. 4045.....	
R.	French Green, greenish, No. 4046.....	
1221.	Grass Green, No. 1.....	
1222.	Grass Green, No. 2.....	
R.	Green Pepper Green, 4088.....	
1222A.	Hunter's Green.....	
1222B.	Jade Green.....	
1223.	Light Green.....	
1223A.	Light Green, No. 2.....	
1224.	Limoges Green.....	
1224A.	Lobster Green.....	
1225.	Malachite Green, No. 1.....	
1226.	Meadow Green.....	
1227.	Meissen Green, strong.....	
1228.	Moss Green, superior.....	
1229.	Moss Green, No. 4.....	
1230.	Myrtle Green, French.....	
1231.	Neutral Green.....	
1232.	Night Green, brilliant.....	
1233.	Olive Green, No. 1.....	
1234.	Olive Green, soft.....	
1235.	Olive Green, special.....	
1235A.	Olive Green for printing.....	
R.	Parrot Green, No. 4082.....	
1236.	Peacock Green.....	
1237.	Russian Green, No. 1, very rich.....	
1238.	Russian Green, No. 2.....	
1238A.	Russian Green, special.....	
1239.	Seaweed Green.....	
1239A.	Seaweed Green, transp.....	
1240.	Sevres Green.....	
1241.	Shading Green.....	
1241A.	Steuben Green.....	
1242.	Transp. Green, dark.....	
1243.	Water Green, superior.....	
1244.	Water Green, No. 2.....	
1245.	Yellow Green, for Grounds.....	
1246.	Yellow Green, transp.....	
1247.	Yellow Green, light.....	
1248.	Dark Green, transp.....	

## Glass Colors

## GREYS

No.	lb.	oz.
1260.	Black Grey	
1261.	Blue Grey, dark	
1262.	Blue Grey, light	
1263.	Copenhagen Grey, bluish	
1264.	Copenhagen Grey, greenish	
1265.	Copenhagen Grey, dark	
1266.	Copenhagen Grey, light	
1267.	Dove Grey	
1268.	Drab Grey	
1269.	French Grey, very delicate	
1270.	Grey for flesh	
1271.	Grey for flowers	
1272.	Neutral Grey	
1273.	Pearl Grey	
1274.	Slate Grey	
1275.	Silver Grey	
1276.	Steel Grey	

## PURPLES, RUBIES AND VIOLETS

1286.	Carminc Purple, No. 1
1287.	Carminc Purple, No. 2
1288.	Crimson Purple
1288A.	Crystal Purple
1289.	Heliotrope
1290.	Lilac, No. 3
1291.	Maroon, No. 1
1291A.	Purple C. 1
1292.	Purple Carmine
1293.	Rose Purple
1293A.	Ruby Purple
1293C.	Royal Ruby
1294.	Ruby, No. 1, extra deep
1295.	Ruby, No. 2, medium
1296.	Ruby, No. 3, light
1297.	Ruby, No. 4, for spraying
1297A.	Ruby, No. 5
1297B.	Ruby, No. 6
1297C.	Ruby, No. 7
1297D.	Ruby, No. 8
1297E.	Ruby, No. 27
1298.	Ruby in liquid form
1299.	Elarco Ruby, very rich
1300.	Violet, Blue
1301.	Violet, deep
1302.	Violet, Purple
1303.	Violet, Red
1303A.	Rich Violet
1304.	Violet of Iron

## REDS, CORALS AND FLESH

No.	lb.	oz.
1315.	Best Red	
1315A.	Best Red, Hancock's	
1316.	Blood Red	
	R. Blood Red, No. 4009	
1317.	Brick Red	
1317A.	Brilliant Red	
1318.	Cardinal Red	
1319.	Carnation Red	
1320.	Cherry Red	
1320A.	Cinnabar Red	
1321.	Coral Red, No. 1	
1322.	Coral Red, No. 2	
1323.	Coral Red, No. 7	
1323A.	Coral Red, special	
1324.	Flesh Red, No. 1, dark	
1325.	Flesh Red, No. 2, light	
1326.	Flesh Carmine	
1326A.	Flesh Tint, Transp.	
	R. Flower Red, No. 4021	
	R. Light Red, No. 4023	
1327.	Orange Red, No. 17	
1327A.	Orange Peel Red	
1328.	Persian Red, No. 207	
1329.	Pompadour Red	
1330.	Pompadour Red, dark	
1331.	Pompadour Red, very rich	
1332.	Poppy Red	
1333.	Red for Flesh, Hancock's	
1334.	Ruby Red	
1335.	Salmon, very rich	
1336.	Special Red	
1336A.	Special Bright Red	
1336B.	Tomato Red	
	R. Tomato Red, No. 4416	
1337.	Tracing Red	
1338.	Transparent Flesh, pinkish	
1338A.	Transparent Flesh, best	
1339.	Transparent Red	
1340.	Vermilion Red	

This color is especially made for exit signs and general sheet decorating or, for glass which can be fired at from 1000° to 1200° Fahr.

## TURQUOISE—BLUES AND GREENS

1350.	Turquoise Blue, Transp.
1351.	Turquoise Blue, No. 203
1352.	Turquoise Green, Transp.
1353.	Turquoise Green, No. 2
1354.	Turquoise, light

## Glass Colors

## YELLOWS, ORANGES, ETC.

No.	lb.	oz.
1360.	Alberts Yellow, genuine, mixes with all colors.....	
1361.	Alberts Yellow, No. 2.....	
1362.	Canary Yellow, No. 1.....	
1362A.	Canary Yellow.....	
1363.	Canary Yellow, No. 2.....	
	R. Canary Yellow, No. 4018..	
1364.	Chinese Yellow, Grounds...	
1365.	Dark Yellow, No. 63.....	
1365A.	Dark Yellow, No. 1.....	
1365B.	Dark Yellow, No. 2.....	
1366.	Dark Yellow, French.....	
1366A.	Dark Opaque Yellow.....	
	R. Dark Yellow, No. 4016....	
1367.	Egg Yellow, very rich.....	
1368.	Gold Yellow, very rich....	
1369.	Ivory Yellow, No. 1.....	
1370.	Ivory Yellow, No. 2.....	
1371.	Ivory, Worcester Tint.....	
1372.	Lemon Yellow.....	
1373.	Mixing Yellow.....	
1373A.	Naples Yellow for flesh....	
1374.	Old Ivory.....	
1375.	Opaque Orange.....	
1376.	Orange Yellow.....	
1377.	Relief Yellow, to overlay with Gold.....	
1378.	Transparent Amber, rich...	
1378A.	Transp. Amber, No. 2.....	
1379.	Transparent Orange, rich..	
1380.	Transparent Silver Yellow.	
1381.	Transparent Yellow.....	

## SILVER STAINS

Must be applied heavy, and after being fired the crust is washed off and a transparent yellow appears.

1382.	Silver Stain, Orange, No. 1, very deep.....
1383.	Silver Stain, Orange, No. 2
1384.	Silver Stain, Yellow, No. 3
1385.	Silver Stain, Orange, No. 6, Hancock's.....
1387.	Elarco Amber Deposit.....
1388.	Silver Stain, Orange, In- tense.....

## WHITES AND WHITE ENAMELS

No.	lb.	oz.
1400.	Obscuring White, Matting.	
1400A.	Acid Resisting White.....	
	This White Enamel will resist the action of concentrated nitric and sulphuric acid. (For Acid Resist- ing Black, see page 38.)	
1401.	Opaque White, No. 1, soft.	
1402.	Opaque White, No. 3, hard.	
1403.	Matt White for Chimneys.	
1404.	Transparent White.....	
1405.	White Enamel, A.....	
1406.	White Enamel, B.....	
1407.	White Enamel, C, soft....	
1408.	White Enamel, D.....	
1409.	White Enamel, E.....	
1410.	White Enamel, F.....	
1411.	White Enamel, G, Labels..	
1411A.	White Enamel, H.A.A....	
1411B.	White Enamel, H.A.....	
1412.	White Enamel, No. 52....	
1412A.	White Enamel for mixing with colors.....	
1413.	White Enamel for Liquid Bright Gold.....	
1414.	White Enamel, No. 1, Re- lief Ground.....	
1415.	White Enamel, No. 3.....	
1416.	White Enamel, Matt.....	
1417.	White Enamel, Matt, No. 2	
1418.	Softest White Enamel.....	
1419.	White Enamel, High Relief.....	

Above Enamels are ground in Turpentine, but can be furnished also ground in water.

1420.	Snow Flake Enamel.....
1421.	Yellow Flake Enamel.....

Sprinkle above over a coating of Fat Oil or Stamping Oil.

## PASTES FOR RAISED GOLD FOR GLASS

1481.	Hancock's Paste for Gold..
1480.	Bohemian Paste for Gold..
1482.	Paste for Matt Gold effects with Liquid Bright Gold.
1483.	Paste for Liq. Bright Gold.
1484.	Relief White for Liquid Bright Gold.....
1485.	Relief Yellow for Liquid Bright Gold.....
1486.	Softening Material for Paste.....

## Glass Colors

OPAQUE RELIEF ENAMELS, FOR  
OPAL AND CRYSTAL GLASS

No.	lb.	oz.
1, G Intense Black.....		
10 G Celestial Blue.....		
11 G Lavender Blue.....		
12 G Mazarine Blue.....		
13, G Old Blue.....		
14, G Turquoise Blue.....		
20, G Hair Brown.....		
21 G Red Brown.....		
22, G Yellow Brown.....		
23 G Carmine.....		
24 G Peach Blossom.....		
30 G Apple Green.....		
31, G Brown Green.....		
31A/G Darkest Green.....		
32/G Dark Green.....		
32A/G Dark Green.....		
33/G Deep Blue Green.....		
34 G Celadon Green.....		
35/G Grey Green.....		
36 G Moss Green.....		
37/G Olive Green.....		
38/G Turquoise Green.....		
39/G Yellow Green.....		
50 G Blue Grey.....		
51/G Copenhagen Grey.....		
52/G Pearl Grey.....		
53/G Warm Grey.....		
60/G Lilac.....		
61/G Purple.....		
62/G Ruby.....		
63 G Violet.....		
70 G Blood Red.....		
71 G Flesh Red.....		
72/G Pompadour Red.....		
73 G Scarlet Red.....		
73A/G Scarlet Red.....		
74/G Yellow Red.....		
80/G Amber Yellow.....		
81/G Canary Yellow.....		
81A/G Egg Yellow.....		
82/G Lemon Yellow.....		
83/G Orange Yellow.....		
84/G Ivory, Dark.....		
85/G Ivory, Light.....		
90/G White Enamel for Painting		
91 G White Enamel for Mixing.		
92/G Flux for Enamels.....		

TRANSPARENT ENAMELS FOR  
AMERICAN GLASS

These colors must be applied heavy and not be mixed with too much fat oil.

No.	lb.	oz.
1450 Blue 2015.....		
1451 Blue 2020.....		
1452 Blue 2373.....		
1457 Green 2380.....		
1458 Dark Green 2018.....		
1461 Sap Green 2378.....		
1461A Sap Green 2012.....		
1462 Yellow Green 2021.....		
1463 Carmine 2016.....		
1463A Pink 2013.....		
1464 Purple 2382.....		
1466 Violet d'Or 1988.....		
1467 Yellow 2385.....		
1471 Amber 2014.....		

MATT OR SATIN FINISH  
GLASS COLORS

No.	lb.	oz.
760/J&S Black.....		
763/J&S Paris Blue.....		
764A/J&S Wedgewood Blue.....		
765/J&S Celestial Blue.....		
767/J&S Turquoise Blue.....		
768/J&S Paris Brown.....		
769/J&S Yellow Brown.....		
770/J&S Bronze Green.....		
773/J&S Emerald Green.....		
776/J&S Olive Green.....		
777/J&S Russian Green.....		
779/J&S Yellow Green.....		
780/J&S Copenhagen Grey.....		
782/J&S Maroon.....		
783C/J&S Rose Pink.....		
783/H.A. Pink.....		
785/J&S Old Rose.....		
786/J&S Scarlet Red.....		
789A/J&S Ruby Red.....		
790/J&S Yellow Red.....		
790A/J&S Violet.....		
791/J&S White, No. 1.....		
792B/J&S Aureoline Yellow.....		
793/J&S Dark Yellow.....		
794/J&S Light Yellow.....		
795A/J&S Golden Orange.....		
797A/J&S Jersey Cream.....		
797F/J&S Ivory, dark.....		

# Glass Stainers Colors

(English, German and French)

We desire to emphasize the fact that we are the Sole Selling Agents for

**MESSRS. JAMES HANCOCK & SON, LTD.**

WORCESTER, ENGLAND

and carry in stock their celebrated

Umber Brown, Tracing Brown No. 1, Ancient Brown, Tracing Black No. 61, Bistre Brown, Red for Flesh, etc.

Hancock's Glass Colors have been in use for over one hundred years, and are known to be

## ATMOSPHERIC-PROOF

No.	lb. oz.	No.	lb. oz.
1050A. Acid Resisting Black.....		1139F. Umber Brown (Red), C. & S.	
1051A. Deep Black.....		1139G. Umber Brown, Sepia, very strong.....	
1058A. Soft Black A.....		1140A. Vinegar Tracing Brown.....	
1059. Stencil Black.....		1146. Yellow Brown, Transp.....	
1061. Tracing Black No. 1.....		1203A. Black Green, Dark, C. & S..	
1063. Tracing Black No. 61, Hancock's.....		1205A. Black Green (Grisaille), C. & S.	
1065. Universal Black.....		1220A. Grey Green, C. & S.....	
1066. Vinegar Tracing Black.....		1220B. Grey Green, Soft.....	
1081B. Flash Blue Transp.....		1220C. Grey Green for Matting C. & S.....	
1090. Transp. Blue No. 1.....		1298A. Ruby, transparent.....	
1091. Transp. Blue No. 2.....		1326A. Flesh Tint, transp.....	
1109. Ancient Brown, Hancock's...		1333. Red for Flesh, Hancock's...	
1110. Bistre Brown No. 7, Hancock's.....		1382. Silver Stain Orange No. 1...	
1115A. Dark Brown, C. & S.....		1383. Silver Stain Orange No. 2...	
1118B. Dark Brown, Transp.....		1384. Silver Stain Yellow No. 3...	
1129A. Red Brown, Transp.....		1385. Silver Stain Orange No. 6...	
1134. Tracing Brown No. 1, Hancock's.....		1388. Silver Stain Orange, Intense	
1136A. Transp. Sepia Brown No. 178		1389. Silver Stain Orange No. 10.	
1139. Umber Brown, Hancock's...		1389A. Silver Stain Deep No. 12...	
1139D. Umber Brown (Grey), C. & S.		1389B. Silver Stain Yellow No. 30...	
1139E. Umber Brown (Sepia), C. & S.		1400. Obscuring White.....	
		1402A. Matting White, C. & S. ....	

## FLESH

No.	lb. oz.	No.	per capsule
1341. Antique Red (flesh).....		1342. Rouge Jean Cousin (capsules)	

*Directions:*—Half an hour before using, grind same in spirit vinegar on glass slab, allowing it to dry. Add spirit vinegar to the consistency of milk and apply on reverse side of glass.

When painting, it is necessary to keep working over with the brush until the painted surface is dry. On Cathedral glass, the red is pounced until dry.

The faintest tone of flesh as well as deep red can be produced with the above. They require a strong burning, and are very sensitive to gas fumes which tend to hinder their burning in.

Liquid Lustre Colors for Glass

No.	lb.	oz.	No.	lb.	oz.
811/G	Dark Blue		832A/G	Heliotrope	
812/G	ELARCO Blue, very rich		834/G	Rose or Pink, No. 1	
813A/G	Turquoise Blue, No. 1		835A/G	ELARCO Carmine	
815/G	Orange Brown, very rich		835B/G	Mauve	
817/G	Yellow Brown		836/G	Ruby, No. 1, extra deep	
817A/G	Yellow Brown Spec		843A/G	Amber	
818A/G	ELARCO Copper		848/G	Iridescent Lustre	
824/G	Royal Green, very rich		848A/G	Mother of Pearl	
826/G	Venetian Green, Iridescent		850/G	Iridescent Yellow	
	Yellow Green		850A/G	Flux for Lustres	
829/G	Yellow Green		851/G	Essence for thinning Lustres	

Velvo Frosting Liquid

produces a most beautiful velvety, frosted finish, by the simple process of immersion of from three to five minutes. Very interesting effects can be produced by first frosting the glass and then applying lustre over the entire surface and firing. Transparent colors can also be painted in design or sprayed over stencils on the frosted surface creating beautiful effects. Firing does not affect the VELVO. Direction sheet sent on request.

No.	qt.	gal.
1700.	Velvo Frosting Liquid	

CRYSTAL AND COLORED ICE

(Specially made for American Glass, to produce frosted effects.)

No.	lb.	oz.	No.	lb.	oz.
1496.	Crystal Ice, fine, medium and coarse, hard and soft		1497.	Colored Ice, in the following shades: Sap Green, Yellow, Yellow Green, Celadon, Olive Green	

“ELARCO” IRIDESCENT PREPARATION FOR GLASS

No.	lb.	oz.
1390.	IRIDESCENT PREPARATION for Glass, in powder	

This preparation is placed in small cups in the kiln, and when at a low heat it volatilizes and deposits “Iridescent” effects of varied shades from Gold to Purple on the glass.

SALTS TO PRODUCE IRIDESCENT EFFECTS

No.	lb.	oz.	No.	lb.	oz.
1714.	Strontia Salt (produces a Red iridescency)		1716.	Baryta Salt (produces a Blue iridescency)	
1715.	Tin Salt (produces a Bluish White iridescency)				

FROSTED-FLOWER COMPOSITION

For producing frosted-flower effects (Eis-blumen-Jack Frost) on white or colored Glass.

No.	lb.	oz.
169S.	Frosted-Flower Composition	

(Write for Directions.)





# Gold, Silver and other Precious Metal Preparations

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As we not only maintain a complete STAFF OF PRACTICAL CHEMISTS, but also use the most MODERN EQUIPMENT in our LABORATORIES for the preparation of Precious Metals, we are in a position to furnish GOLD and SILVER for all requirements in the KERAMIC ART and GLASS INDUSTRIES.

Our methods and equipment make it possible to produce a gold, in such a finely divided state, as to insure that maximum of covering quality which no other preparation can enjoy.

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## PLEASE NOTE

All our GOLD and SILVER PREPARATIONS are sold by TROY WEIGHT. We take every precaution possible to assure our patrons full weight, and any discrepancy should be reported immediately.

# Patent Gold and Silver

IN PASTE FORM FOR CHINA



Facsimile of Box Label

CHEMICALLY PURE



Facsimile of Jar

Our Patent Gold on glass slabs is packed in neat boxes, and in order to insure fresh clean gold, each box is hermetically sealed with a specially prepared transparent covering.

All bulk golds are delivered in our patented jars which are sealed at the laboratory and cannot be opened without breaking the seal, insuring the contents against tampering and leakage.

## PATENT ROMAN GOLD AND UNFLUXED GOLD

No.						per box
3520.	Size A, packed in Lavender Box with yellow edges					
3521.	Size B, packed in Green Box with white edges					
3522.	IN JARS. Containing	1 $\frac{1}{8}$ oz.	1 $\frac{1}{4}$ oz.	3 $\frac{1}{8}$ oz.	1 $\frac{1}{2}$ oz.	1 $\frac{3}{4}$ oz.
	per jar					

Green and White Gold; Green and Red Bronze, Fluxed or Unfluxed, at same prices as the above

## PATENT SILVER

No.						per box
3525.	In boxes					
3526.	In Jars Containing	1 $\frac{1}{8}$ oz.	1 $\frac{1}{4}$ oz.	1 $\frac{1}{2}$ oz.	1 oz.	
	per jar					

NOTE:—Dealers, wishing to sell under their own label, can purchase gold from us on glass slabs in boxes, unlabeled or bearing their own imprint.

# Elarco Gold and Silver

IN PASTE FORM FOR CHINA

In Patented Porcelain Jars

Keeps the Gold in Good  
Condition Indefinitely



Keeps the Gold Clean and  
Free from Dust

No.		Regular size jar
3500.	Roman Gold .....	per jar
3501.	Unfluxed Gold for over color .....	per jar
	Green and White Gold, Green and Red Bronze at same prices as the above.	
3507.	Burnish Silver .....	per jar

## “Superior Quality”

Especially prepared for  
Amateur China Decorators

### In Bulk

No.		In jars containing	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
3508.	Roman Gold .....	per jar				
3509.	Unfluxed Gold .....	per jar				
	Green and White Gold, Green and Red Bronze at same prices as the above.					
3510.	Burnish Silver .....	per jar				

## “Commercial Quality”

Especially prepared for  
Potters and Wholesale China Decorators

### In Bulk

No.		In jars containing	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1500.	Roman Gold .....	per jar			
1503.	Unfluxed for over colors .....	per jar			
	Green and White Gold, Green and Red Bronze at same prices as the above.				
1505B.	Roman Gold for Banding and Stamping, ready for use	per jar			
1505C.	Special Prepared PURE GOLD, fluxed, ready for use	“ “			
1505D.	Special Prepared PURE GOLD, unfluxed, ready for use	“ “			
1507.	Burnish SILVER of extreme whiteness and smoothness	“ “			

## 1569 “Elarco Gold Facilitator”

For Thinning and Mixing your Roman Gold, Silver, Etc. See page 71

# Gold and Silver for Glass

## IN PASTE FORM

Decorators using our Gold Preparations have expressed their preference because of the following outstanding features:

- EASE AND SMOOTHNESS IN APPLYING
- EXTREME COVERING QUALITY
- LOW FUSING POINT
- EASE IN BURNISHING
- LUSTROUS FINISH
- GOLD SHEEN ON REVERSE SIDE OF GLASS.

SEALED  
AIR TIGHT



CLEAN  
NO WASTE

No.	In boxes; and in jars containing		$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1501. Gold HA .....	per box	per jar			
1502. Gold BB .....	"	"			
1504. White Gold .....	"	"			
1506. Roman Gold .....	"	"			
1506A. Green Gold .....	"	"			
1506B. Commercial Roman Gold .....	"	"			

Any other grade or color of gold on application.

No.	In boxes; and in jars containing		$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
1507A. Burnish Silver .....	per box	per jar			
1507B. Silver for Silver Deposit .....	"	"			

# Gold and Silver Preparations

## DRY IN POWDER

### FOR CHINA

No.	oz.	dwt.
3520A. Patent Roman Gold, ground, chemically pure (not fluxed).....		
3520B. Patent Roman Gold, ground and fluxed, ready for use.....		
1508. Brown Gold, chemically pure, ground.....		
1508A. Chemically Pure Gold, fluxed and ground ready for use.....		
1509. Burnish Gold, No. 1, fluxed and ground ready for use.....		
1509A. Burnish Gold, No. 2, fluxed and ground ready for use.....		
1510. Burnish Gold, for Printing and Stamping, fluxed, ground ready for use.....		
1510A. Burnish Gold, fluxed and ground in water.....		
1512. Burnish Green Gold, fluxed and ground ready for use.....		
1513. Burnish Silver, fluxed and ground ready for use.....		
1535A. Burnish Silver for Silver Deposit, fluxed, ready for use.....		
1536C. Burnish Platinum, double prepared.....		
1515. Dusting Green Gold, chemically pure.....		
1516. Dusting Lemon Gold, chemically pure.....		
1517. Dusting Red Gold, chemically pure.....		
1518. Dusting Roman Gold, chemically pure.....		
1519. Pure Green Gold Dust.....		
1520. Hancock's Gold Bronze, No. 1, Antique.....		
1521. Hancock's Gold Bronze, No. 9, Red.....		
1522. Hancock's Gold Bronze, No. 10, Green.....		
1523. Hancock's Gold Bronze, No. 46, Brown.....		
1524. Hancock's Gold Bronze, No. 111S, Olive.....		

### FOR GLASS

No.	oz.	dwt.
1508. Brown Gold, chemically pure, ground.....		
1508B. Chemically Pure Gold, fluxed and ground ready for use.....		
1508C. Dusting Gold, fluxed.....		
1509C. Burnish Gold, No. 2, fluxed and ground ready for use.....		
1510B. Burnish Gold, for Printing and Stamping, fluxed, ground ready for use.....		
1510C. Burnish Gold, fluxed, ground in water.....		
1511. Burnish Gold, fluxed and ground ready for use.....		
1512A. Burnish Green Gold, fluxed and ground ready for use.....		
1514. Burnish Silver, fluxed and ground ready for use.....		
1535B. Burnish Silver for Silver Deposit, fluxed, ready for use.....		
1536C. Burnish Platinum, double prepared.....		

Any other grade or color of Gold on application.

## "ELARCO" GOLD AND SILVER RELIEF ENAMEL

No.	oz.	dwt.	No.	oz.	dwt.
1526A. Gold for China.....			1525A. Silver for China.....		
1526B. Gold for Glass.....			1525B. Silver for Glass.....		

Grind above in water, and after being well dried, mix it with Lavender or Facilitator only; no Fat Oil. Dry well before firing and apply like paste for gold.

## Gold and Silver Preparations

### IN LIQUID FORM

No.		Per 100 grammes	Per 50 grammes	Per 20 grammes	Per vial
1560.	Liquid Bright GOLD .....				
1561.	Liquid Bright GREEN GOLD .....				
1561A.	Special Liquid Bright GREEN GOLD .....				
1562.	Liquid Bright PLATINUM .....				
1563.	Liquid Bright SILVER .....				

### In Non-tipable Bottles

No.		Per Non-tipable bottle
1705.	Liquid Bright Gold .....	
1706.	Liquid Bright Green Gold .....	
1707.	Liquid Bright Silver .....	
1708.	Liquid Bright Platinum .....	

ATTENTION—The non-tipable bottle has a wide mouth, allowing the use of the Gold, etc., direct from the bottle. This style of bottle also avoids loss from upsetting.

A non-tipable bottle contains four times the quantity of a Vial.



No.			lb.	oz.
1566.	Gold Lustre to mix with Bright Gold.....	Per 100 grammes		
1567.	Liquid Flux for Liquid Bright Gold, Platinum and Silver .....			
1568.	Essence for Liquid Bright Gold, Platinum and Silver .....			
1565C.	Greengold Paste.....	per 100 grammes, per 20 grammes,		

To produce a good Matt Greengold mix one part of Greengold Paste with 5 parts of Liquid Bright Gold (do not mix more than required at the time), or apply an even coat of Greengold Paste, firing lightly, and afterward apply Liquid Bright Gold over it.

### LIQUID ROMAN GOLD

No.		In jar containing	¼ oz.	½ oz.	1 oz.
1527.	Reusche's.....	per jar			
1565A.	Elarco.....	per jar			

### SUNDRIES

No.		No.	
1530.	Chloride of Gold .....	1551.	Flux for Gold for China .....
1531.	Oxide of Gold .....	1552.	Flux for Gold for Glass .....
1532.	Ribbon Gold .....	1553.	Flux for Silver for China .....
1533.	Precipitated Silver .....	1554.	Flux for Silver for Glass .....
1540.	Chloride of Silver .....	1554A.	Flux for Silver Deposit, China .....
1541.	Nitrate of Silver .....	1554B.	Flux for Silver Deposit, Glass .....
1542.	Oxide of Silver .....	1534.	Nitrate of Bismuth .....
1543.	Sulphuret Silver .....	1535.	Sub-Nitrate of Bismuth .....
1544.	Ribbon Silver .....	1536.	Red Oxide of Mercury .....
1545.	Purple Cassius .....	1537.	Calcined Borax .....
1549.	Gold Alloy .....		
1550.	Hancock's Gold Alloy .....		

## Oxides and Chemicals

No.	lb.	No.	lb.
1721.	Acid, Boracic, prime flaky	1775.	Copper, Oxide, Black, heavy
1722.	Acid, Boracic, refined crystals	1776.	Copper, Oxide, Black, light
1723.	Acid, Chromic	1777.	Copper, Oxide, Red
1724.	Acid, Muriotic	1778.	Copper, Prot-oxide
1725.	Acid, Nitric	1778A.	Copper, Salt
1726.	Acid, Stannic	1779.	Copper, Scales
1727.	Acid, Titanic	1780.	Copper, Sulphate
1728.	Acid, White, for Etching	1781.	Copper, Sulphide
1729.	Alum, lump	1782.	Copperas
1730.	Alum, powdered	1783.	Cornwall Stone
1731.	Alum, potash	1784.	Cream of Tartar
1732.	Alumina, Oxide, hydrated	1785.	Crocus Martis
1733.	Ammonia, Carbonate	1786.	Cryolite
1734.	Antimony, Diaphoretic	1786B.	Cryolite, substitute
1735.	Antimony, Glass	1787.	Feldspar
1736.	Antimony, Metallic, powdered	1788.	Flint, powdered
1737.	Antimony, Needle, powdered	1789.	Fluorspar
1738.	Antimony, Oxide, Black	1790.	Glass, ground
1739.	Antimony, Oxide, White	1791.	Glycerine, C. P.
1740.	Antimony, Regulus	1792.	Gold, Chloride
1741.	Antimony, Sulphate	1793.	Gold, Oxide
1742.	Arsenic, White	1794.	Gold, Ribbon
1743.	Asphaltum, Egyptian	1795.	Gum Arabic
1744.	Ball Clay	1796.	Gum Mastic
1745.	Baryta, Carbonate	1796A.	Hydrofluoric Acid
1746.	Baryta, Nitrate	1797.	Iridium, Oxide, Black
1747.	Baryta, Sulphate	1798.	Iron, Carbonate
1748.	Bees Wax	1799.	Iron, Chromate
1750.	Bismuth, Oxide	1799A.	Chloride of Iron
1750A.	Bismuth, Nitrate	1800.	Iron, Filings
1750B.	Bismuth, Subnitrate	1801.	Iron, Sulphate
1751.	Blue Calx	1802.	Iron, Oxide, Black
1752.	Blue Vitriol	1803.	Iron, Oxide, Brown
1753.	Bone Ash	1804.	Iron, Oxide, Red
1754.	Borax, Calcined	1805.	Iron, Oxide, Violet
1755.	Borax, lump	1806.	Kaolin
1756.	Borax, Refined, powdered	1806A.	Lead, Carbonate
1757.	Cadmium, Sulphide	1807.	Lead, Chromate, crystals
1758.	Chalk, Red, powdered	1808.	Lead, Chromate, powdered
1759.	Chalk, White, powdered	1809.	Lead, Chloride
1760.	Charcoal, Maple, powdered	1810.	Lead, Red, dry
1761.	China Clay	1811.	Lead, White, dry
1762.	Chrome, Yellow	1812.	Litharge
1763.	Chrome, Oxide, Green	1813.	Magnesium, Metal, powdered
1764.	Cobalt, Carbonate	1814.	Magnesia, Carbonate
1765.	Cobalt, Chloride	1815.	Manganese, Oxide, Black, C. P.
1766.	Cobalt, Nitrate	1816.	Manganese, Oxide, Black, finely powdered
1767.	Cobalt, Oxide, Black	1817.	Manganese, Oxide, Brown
1768.	Cobalt, Oxide, F. K. O.	1818.	Manganese, Oxide, Light
1769.	Cobalt, Oxide, P. K. O.	1819.	Manganese, Oxide, Recovered
1770.	Cobalt, Oxide, prepared	1820.	Mercury, Metallic
1771.	Cobalt, Sulphate	1820A.	Mercury, Oxide, Yellow
1773.	Copper, Acetate		
1774.	Copper, Carbonate		

## Oxides and Chemicals

No.	lb.	No.	lb.
1821.	Nickel, Carbonate.....	1856.	Soda, Carbonate, powdered.
1822.	Nickel, Chloride.....	1857.	Soda, Nitrate.....
1823.	Nickel, Nitrate.....	1858.	Soda, Phosphate.....
1824.	Nickel, Oxide, Black.....	1859.	Soda, Selenate.....
1825.	Nickel, Oxide, Green.....	1860.	Soda, Sulphate.....
1826.	Nickel, Sulphate.....	1860A.	Sparmaceti.....
1827.	Nitre, powdered, double re- fined.....	1861.	Strontium, Carbonate.....
1828.	Paris White.....	1862.	Strontium, Nitrate.....
1829.	Pearl Ash.....	1863.	Sulphur Flowers.....
1830.	Pipe Clay.....	1864.	Tin, Ash.....
1831.	Plaster Paris.....	1865.	Tin, Chloride.....
1832.	Platinum, Chloride, dry....	1866.	Tin, Metallic, granulated...
1833.	Potassium, Bi-Carbonate...	1867.	Tin, Salt.....
1834.	Potassium, Bi-Chromate....	1868.	Tin, Oxide, Black.....
1835.	Potassium, Carbonate.....	1869.	Tin, Oxide, Grey.....
1836.	Potassium, Chromate.....	1870.	Tin, Oxide, White.....
1837.	Potassium, Cyanide.....	1871.	Tin, Oxide, White, extra....
1838.	Potassium, Nitrate.....	1872.	Titanium, Nitrate.....
1839.	Potash, Bi-Carbonate.....	1873.	Titanium, Oxide.....
1840.	Powder Blue (Smalt).....	1874.	Turkey Umber, Burnt.....
1841.	Purple of Cassius.....	1875.	Uranium, Nitrate.....
1842.	Putty Powder.....	1876.	Uranium, Oxide, Black.....
1843.	Quartz, lump.....	1877.	Uranium, Oxide, Orange....
1844.	Quartz, powdered.....	1878.	Uranium, Oxide, Yellow....
1844A.	Red Oxide of Mercury.....	1879.	Uranium, Oxide, Substitute.
1845.	Rutile.....	1880.	Verdigris.....
1845A.	Rouge, polishing.....	1880A.	White Acid.....
1845B.	Saltpetre.....	1881.	Whiting.....
1846.	Sand Lynn.....	1882.	Yellow Ochre, French, washed
1847.	Selenium, Metal.....	1883.	Zaffer.....
1847A.	Silver, Carbonate.....	1884.	Zinc, Carbonate.....
1848.	Silver, Chloride.....	1885.	Zinc, Chloride.....
1849.	Silver, Nitrate.....	1886.	Zinc, Salt.....
1850.	Silver, Oxide.....	1887.	Zinc, Oxide, Green Seal....
1851.	Silver, Ribbon.....	1888.	Zinc, Oxide, Red Seal.....
1852.	Silver, Sulphuret.....	1889.	Zinc, Oxide, White C. P....
1853.	Soda Ash.....	1890.	Zinc, Oxide, XX.....
1854.	Soda, Bi-Carbonate.....	1891.	Zinc, prepared for reduction purposes.....
1855.	Soda, Carbonate, crystals...		

## IRIDESCENT SOLUTIONS FOR GLASS

No.	gallon	pint
1713.	Mother of Pearl.....	
1713A.	Orange Iridescent.....	

While the Glass is white hot, spray the solution on the article and let it cool off. The hotter the glass, when the solution is sprayed on, the richer the iridescency. The iridization is permanent. Do not use metal sprayers. For Sprayers made of Glass, see page 97.





“Elarco Brand”

STRICTLY HAND MADE



## French Brushes and Pencils

Of Unsurpassed Quality

### SQUARE SHADERS No. 2, REGULAR

Selected Camel Hair in Quills



Size            11            10            9            8            7            6            5            4            3            2            1  
Per doz.

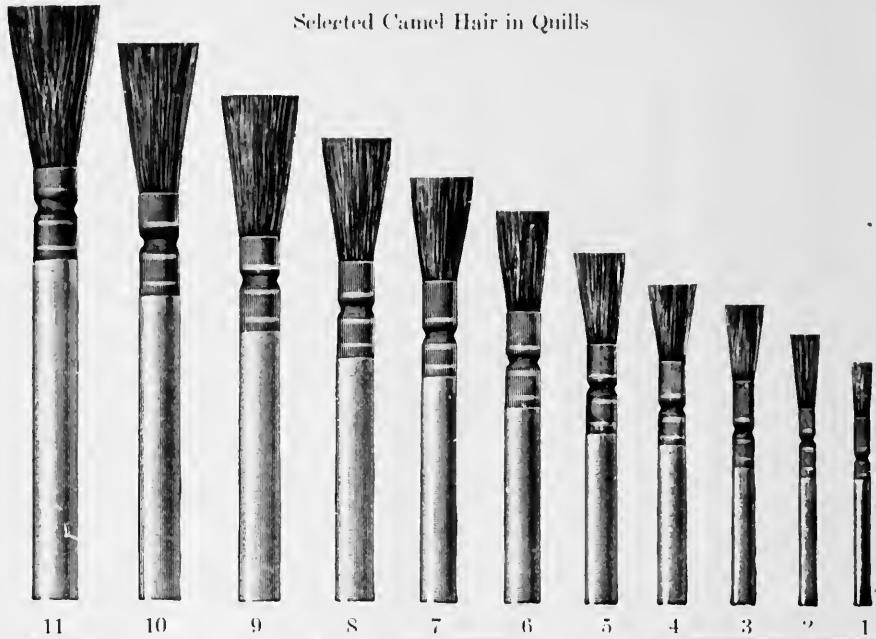
Size 12. Extra large, per doz.

Size 13. Extra large, per doz.

Sizes from 9 to 13 are wire bound.

SQUARE SHADERS No. 2, SHORT

Selected Camel Hair in Quills



Size

11

10

9

8

7

6

5

4

3

2

1

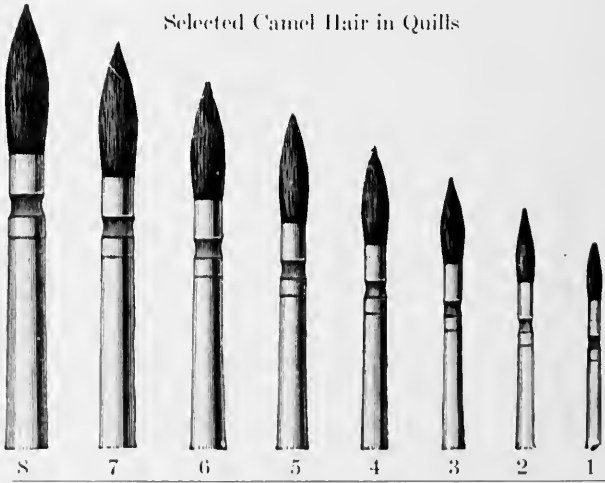
Per doz.

Size 12. Extra large, per doz.

Size 13. Extra large, per doz.

POINTED SHADERS No. 1

Selected Camel Hair in Quills



Size

8

7

6

5

4

3

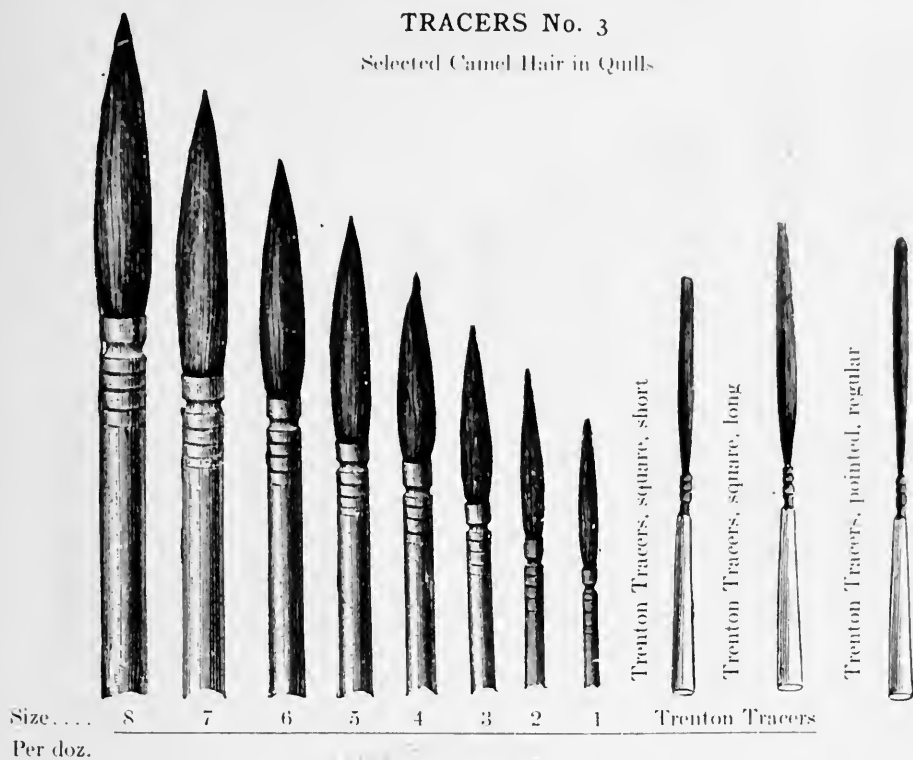
2

1

Per doz.

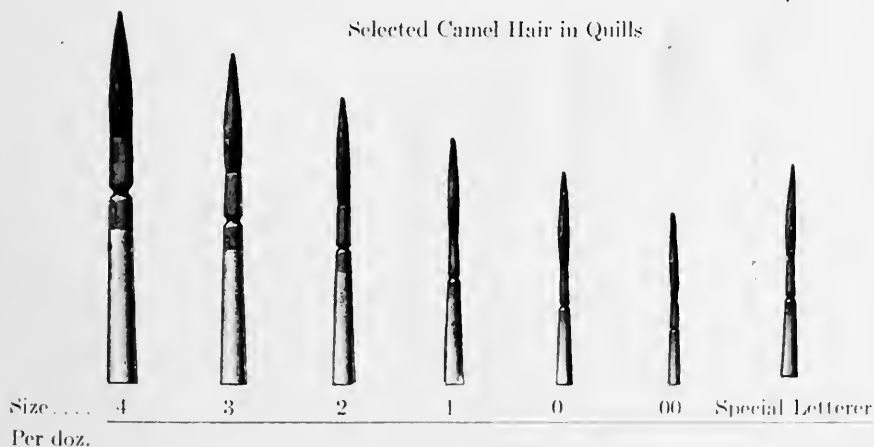
### TRACERS No. 3

Selected Camel Hair in Quills

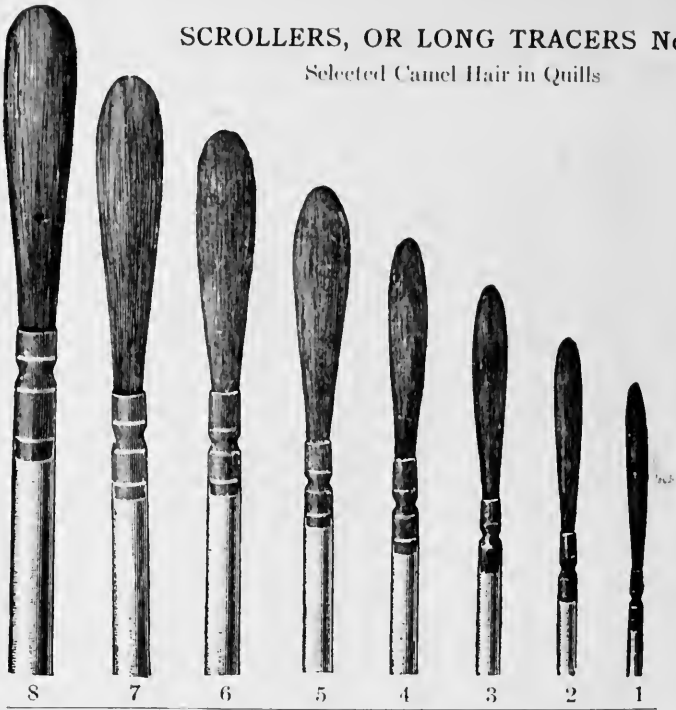


### LETTERING OR MINIATURE PENCILS No. 4

Selected Camel Hair in Quills

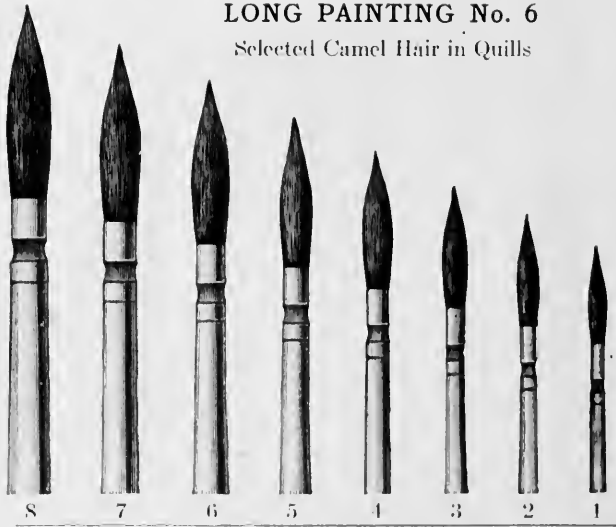


SCROLLERS, OR LONG TRACERS No. 5  
Selected Camel Hair in Quills



Size . . . .  
Per doz.

LONG PAINTING No. 6  
Selected Camel Hair in Quills



Size . . . .  
Per doz.

**SHORT PAINTING OR DIGGERS No. 7**

Selected Camel Hair in Quills

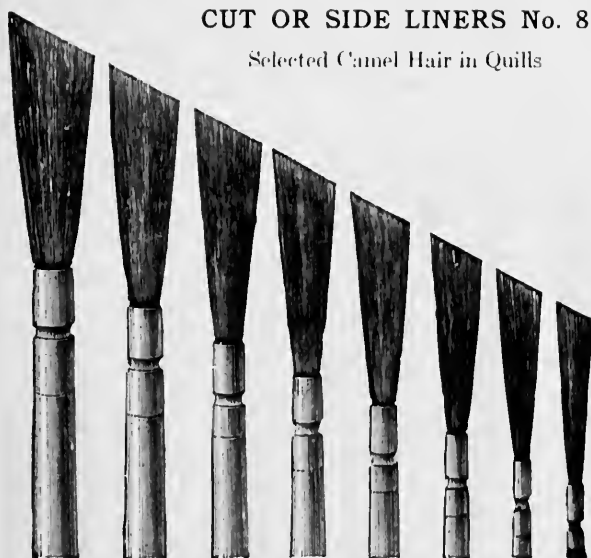


Size . . . . .  
Per doz.

8      7      6      5      4      3      2      1

**CUT OR SIDE LINERS No. 8**

Selected Camel Hair in Quills



Size . . . . .

8      7      6      5      4      3      2      1

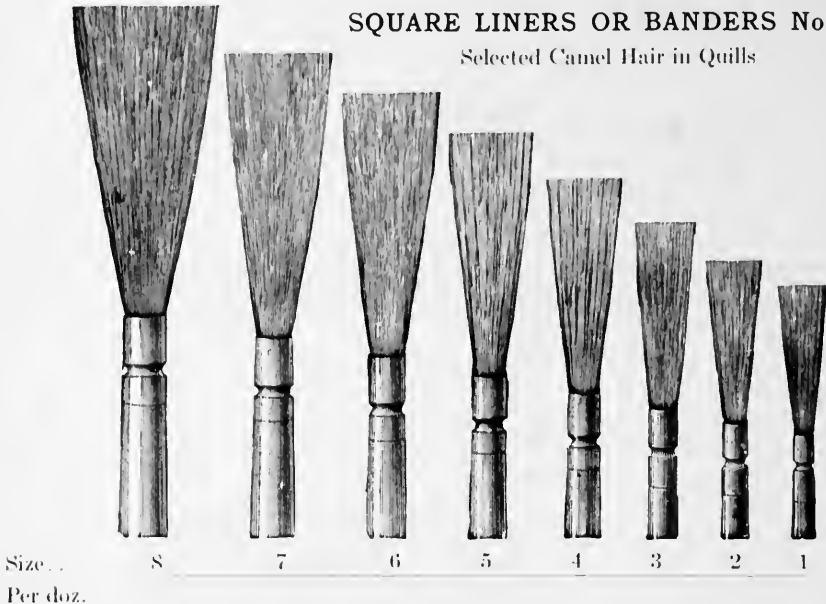
Per doz.

Size No. 10, wire bound, per doz.

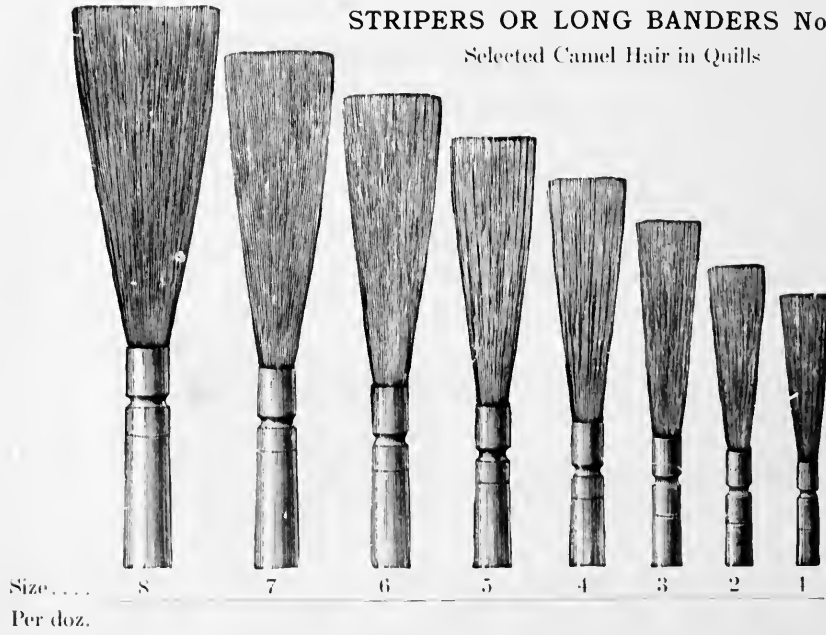
Size No. 10, Special, wire bound, Heavy and Short, per doz.

Size No. 12, wire bound, per doz.

**SQUARE LINERS OR BANDERS No. 9**  
Selected Camel Hair in Quills



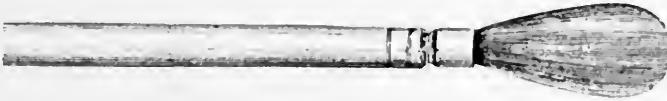
**STRIPERS OR LONG BANDERS No. 9A**  
Selected Camel Hair in Quills



## FOR PAINTING GROUNDS ROUND OR SQUARE

### Selected Camel Hair in Quills

Na. 10



Round

Round, in quills, wire bound, per doz.

No. 11



Square

Square, in quills, wire bound, per doz.

## FOR PAINTING GROUNDS—ROUND OR SQUARE

### Selected Camel Hair, Wood Handles

No. 12



## Round

Round, wire bound quills, wood handles, per doz.

No. 13



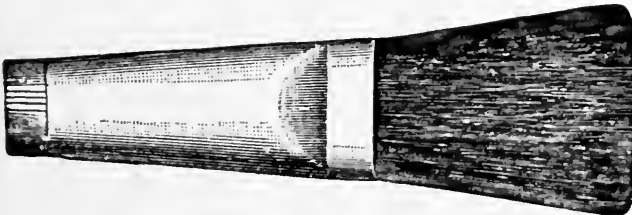
Square

Square, wire bound quills, wood handles, per doz.

FLAT, FOR OILING GROUNDS—No. 14

### Selected Camel Hair in Tin Ferrules

Size 6.



## Round Wood Handles

Width.....Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Size.....	0	2	4	6	8	10	11	12	14	16
Per doz.....										

Per doz. . . . .





### CAMEL HAIR COLOR BRUSHES No. 17

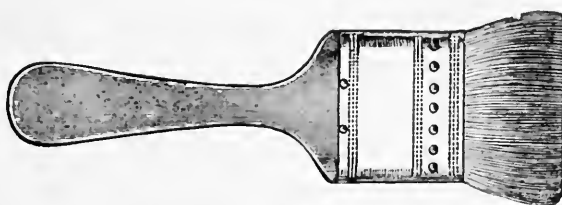
In Tin Ferrules, Long Flat Wood Handles



Width . . . . . Inches	1	1½	2	2½	3	3½	4
Per doz. . . . .							

### CAMEL HAIR DECALCOMANIA SIZE BRUSHES No. 18

In Tin Ferrules, Flat Wood Handles



Width . . . . . Inches	½	1	1½	2	2½	3	3½	4
Per doz. . . . .								

### GENUINE FITCH HAIR STIPPLERS Nos. 20 AND 21

In Wire Bound Quills, Wood Handles

Size 2



Square  
No. 20

Size 2



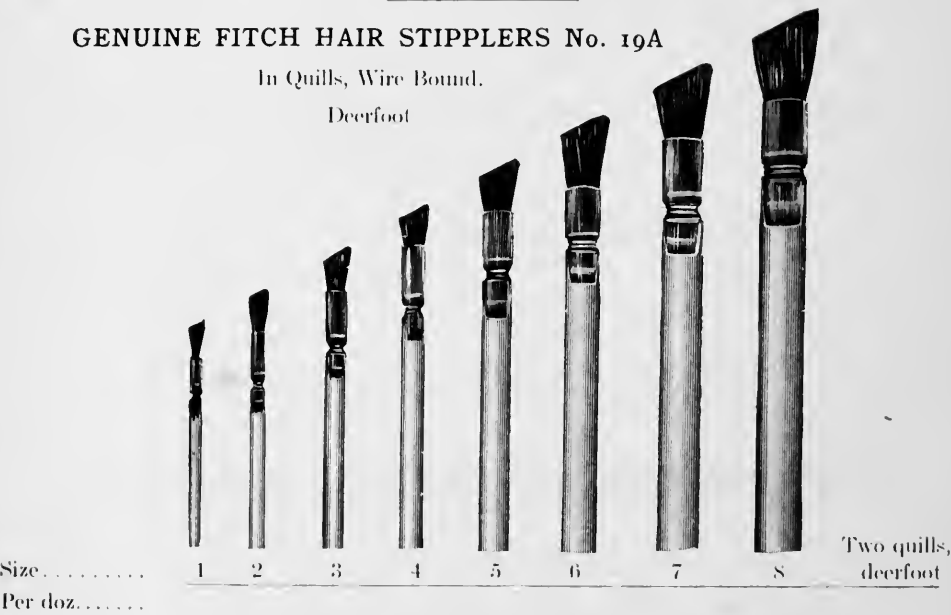
Deerfoot  
No. 21

Size . . . . .	2	4	6	8	10	12	20
Per doz. . . . .							

GENUINE FITCH HAIR STIPLERS No. 19  
In Quills, Wire Bound.  
Square



GENUINE FITCH HAIR STIPLERS No. 19A  
In Quills, Wire Bound.  
Deerfoot



**GENUINE DRESDEN RED SABLE OUTLINERS No. 22A**

In Round Polished Handles, Nickel Plated Ferrules

(Each brush is stamped in gold, L. Reusche & Co., Dresden)

Not less than  $\frac{1}{2}$  dozen of a size sold, as brushes are fastened on a card to protect the natural point of brush.



Length of hair .....	6 16 in.	9 16 in.	10 16 in.
Size .....	00	0	1
Per doz. ....			

**SUPERIOR RED SABLE BRUSHES No. 22**

For Paste Work, Enamel and Outlining

Round Polished Handles, Nickel Plated Ferrules



Size .....	00 (Dresden style)	0	1	2	3
Per doz. ....					

**SUPERIOR RED SABLE BRUSHES No. 23—ROUND OR FLAT**

For Paste Work, Enamel and Outlining

Round Polished Handles, Nickel Plated Ferrules



Size .....	00	0	1	2	3
Per doz. ....					

**CAMEL HAIR ENAMEL FLOATERS No. 23B**

For Enamel and Paste Work, Outlining, Etc.




Length of Hair .....	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	1 in.
Size .....	1	2	3
Per doz. ....			

SUPERIOR CAMEL HAIR DUSTERS No. 25

Wire Bound Quills, Wood Handles, Round or Square

Size 12

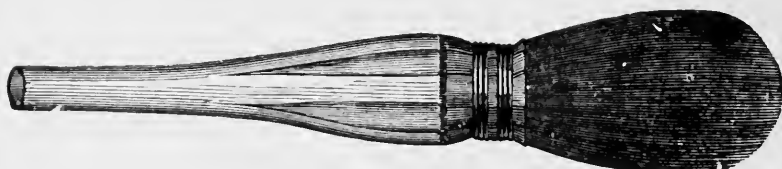


Size..... 2 4 6 8 10 12 14 16 18 20 24 30 36  
Per doz.....

SUPERIOR CAMEL HAIR DUSTERS No. 26

Split Quills, Wire Bound, Round or Square

6 Quills

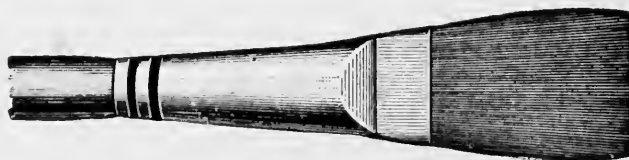


Size..... 2 3 4 5 6 8 quills  
Per doz.....

SUPERIOR CAMEL HAIR LACQUERING BRUSHES No. 27

Tin Ferrules, Wood Handles

5/8 inch

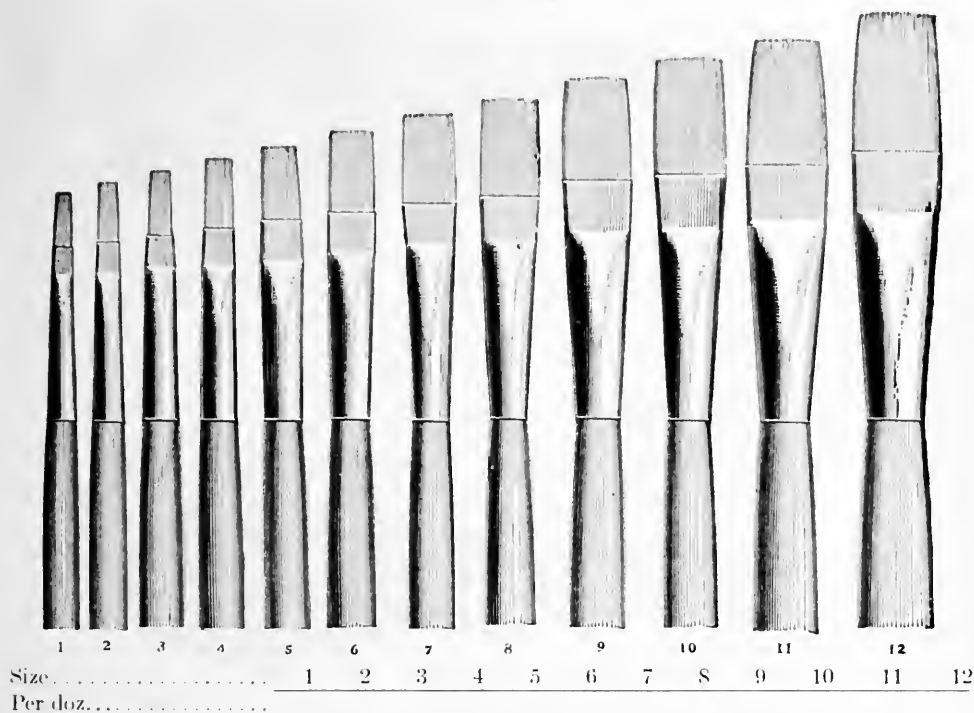


Round, Size..... 1 2 3 4 5 6  
Flat, Width..... inches 3/8 1/2 5/8 3/4 7/8 1  
Per doz.....

**SUPERIOR FRENCH OXHAIR BRUSHES No. 28**

For Underglaze Painting and Glass Staining, Round or Flat

Tin Ferrules

**SUPERIOR FRENCH BRISTLE BRUSHES No. 29**

(See Illustration above)

For Underglaze Painting and Glass Staining, Round or Flat

Tin Ferrules, Wood Handles

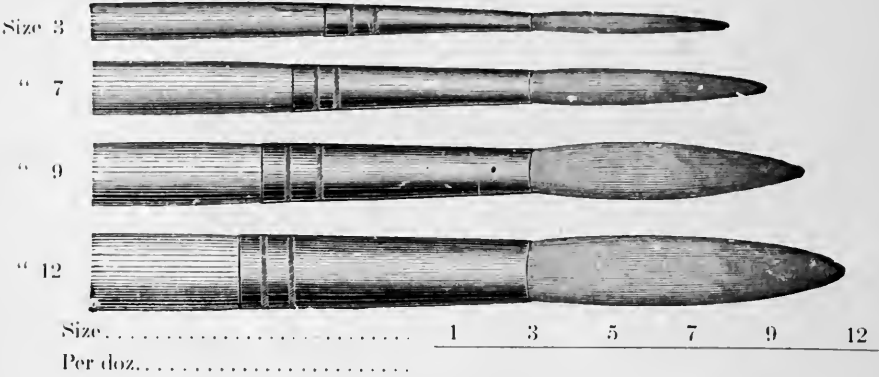
Size.....	1	2	3	4	5	6	7	8	9	10	11	12
Per doz.....												

**EXTRA LARGE SIZES**

Round, Size.....	14	16	18	20	24
Flat, Width.....Inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per doz.....					

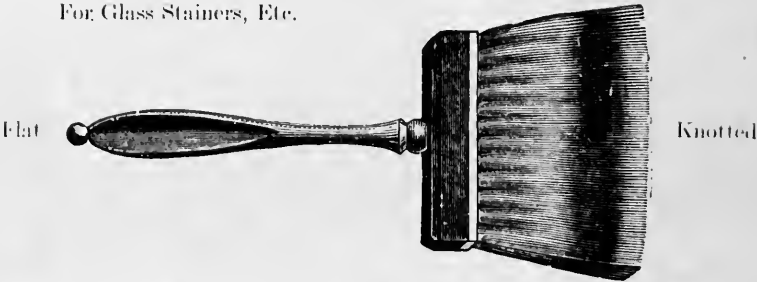
**SUPERIOR FRENCH OXHAIR BRUSHES No. 30**

For Underglaze Painting and Glass Staining, Very Pointed,  
Tin Ferrules, Wood Handles



**FLAT BADGER BLENDERS No. 31**

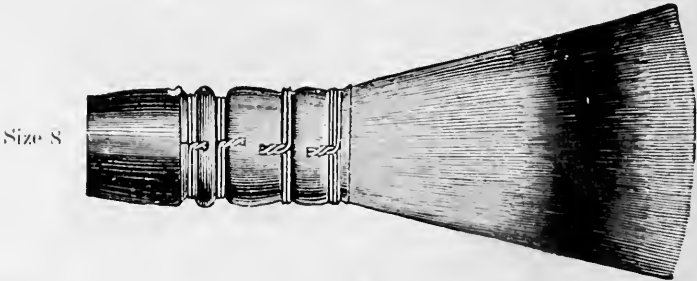
For Glass Stainers, Etc.



Width.....Inches 2 2½ 3 3½ 4 4½ 5  
Per piece.....

**ROUND BADGER BLENDERS No. 32**

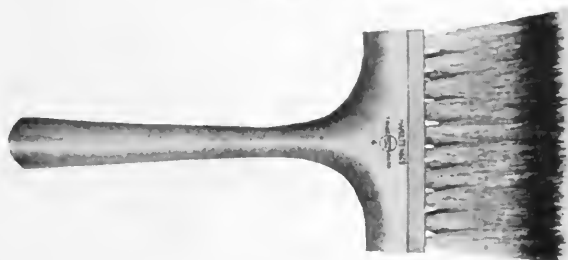
For Glass Stainers—Wire Bound Quills, Polished Handles



Size..... 2 4 6 8 10 12  
Per doz.....

# ENGLISH BADGER BLENDERS

Pure Badger Hair Throughout, Rubber Set  
For Glass Stainers



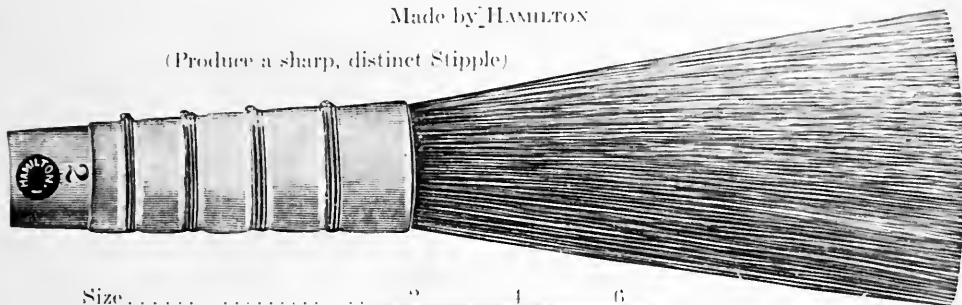
Size No. 2 3 in. No. 3 3½ in. No. 4 4 in.

No. 31A, First Quality Per Piece . . .  
No. 31B, Second Quality . . . " " . . .

# ENGLISH GLASS STAINERS' STIPPLERS No. 32A

Made by HAMILTON

(Produce a sharp, distinct Stipple)



Size . . . . . 2 4 6  
Per Piece . . . . .

# ACID RESISTING BRUSHES No. 37

Set in Rubber, Camel Hair, Flat Wood Handles

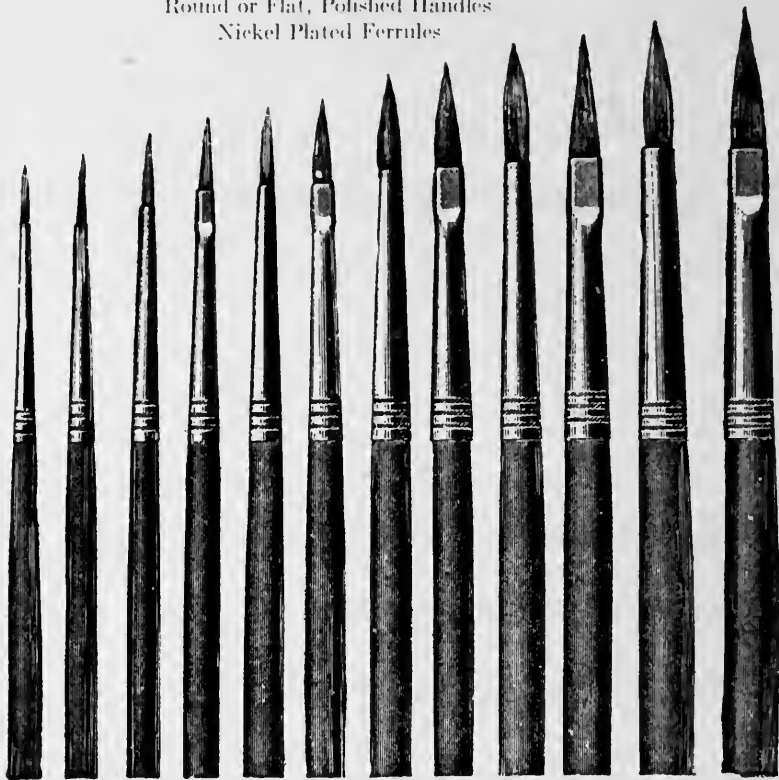


Width . . . . . Inches 1½ 1 1½ 2 2½ 3 3½ 4  
Per doz. . . . .

We can also furnish Acid Resisting Brushes in fitch, bristle, and badger hair

ARTISTS' RED SABLE BRUSHES No. 33

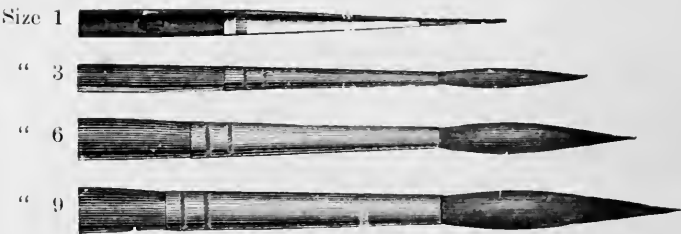
Round or Flat, Polished Handles  
Nickel Plated Ferrules



Size . . . 1 2 3 4 5 6 7 8 9 10 11 12  
Per doz.

ARTISTS' RED SABLE RIGGERS No. 34

Polished Handles, Nickel Plated Ferrules, Round

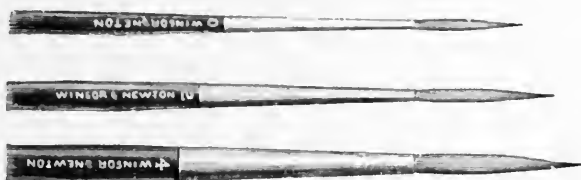


Size . . . . . 1 2 3 4 5 6 7 8 9 10 11 12  
Per doz. . . . .



# WINSOR & NEWTON S RED SABLE RIGGERS No. 34A

12-Inch Red Polished Handles

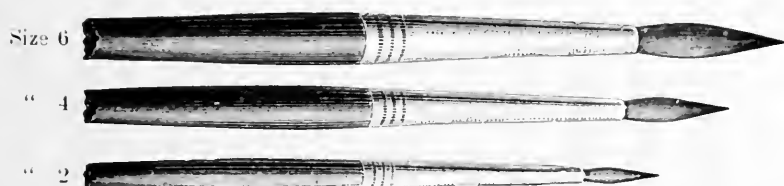


Size ..... 0 1 2 3 4 5 6  
Per doz. ....

## ARTISTS' RED SABLE BRUSHES No. 35

For Water Color Painting

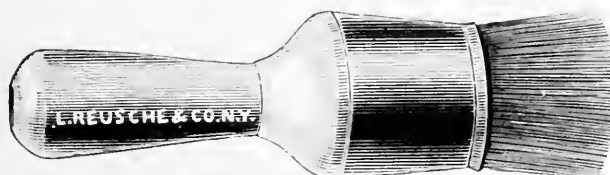
Polished Handles, Nickel Plated Ferrules, Round or Flat



Size ..... 0 1 2 3 4 5 6 8 10 12 14 16 20  
Per doz. ....

## DECALCOMANIA RUBBING BRUSHES No. 1999

The handle is shaped according to grip; the bristles are tightly mounted, forming a solid smooth surface.



Size ..... 1, 1½ in. diam. 2, 1 in. diam.  
Per doz. ....

## WINSOR &amp; NEWTON'S ARTISTS' RED SABLE BRUSHES

Round or Flat

No. 35A In polished **Ebony handles** stamped in gold Winsor & Newton, Ltd.

Size.....	0	1	2	3	4	5	6	7
Per doz.....								

No. 35B In polished **Walnut handles** stamped in gold Winsor & Newton, Ltd.

Size.....	00	0	1	2	3	4	5	6	7	8	9	10	11	12
Per doz.....														

## CEDAR PENCIL STICKS FOR QUILL PENCILS No. 38

No. 38/1 6½ in. long, thin, for Tracers and Letterers, per doz.

No. 38/2 6½ in. long, assorted thickness

## Oils and Mediums

No.		per 1 oz. bot.	pint	gal.
1900.	Genuine Dresden Thick Oil.....			
1900A.	Elarco 100% Pure Fat Oil of Turpentine .. . . .			
1901.	Lacroix Fat Oil of Turpentine.....			
1902.	Fat Oil of Turpentine, best.....			
1902A.	French Fat Oil.....			
1903.	Medium for Painting.....			
1904.	Medium for Enamel.....			
1905.	Medium for Paste for Raised Gold.....			
1905A.	Outlining Medium.....			
1906.	Tinting Oil.....			
1906A.	Diluting Medium for Pen Work.....			
1907.	Spraying Oil, will not cause colors to craze or crack...			
1908.	Balsam of Copaiba, extra prepared.....			
1909.	Balsam of Copaiba, No. 2.....			
1910.	Oil of Copaiba.....			
1910A.	Oil of Sassafras.....			
1910B.	Oil of Myrbane.....			
1911.	Venice Turpentine.....			
1912.	Spirits of Tar.....			
1913.	Oil of Tar.....			
1914.	Balsam of Fir.....			
1915.	Aniseed Oil.....			
1916.	Clove Oil.....			
1916A.	Lavender Oil, X.....			
1917.	Lavender Oil, XX.....			
1917A.	Lavender Oil, XXX.....			
1918.	Poppy Oil, pure.....			
1919.	Rape Seed Oil, pure.....			
1919A.	Linseed Oil, boiled.....			
1920.	English Grounding Oil.....			
1921.	Special Grounding Oil.....			
1921A.	Dusting or Grounding Oil, ready for use.....			
1922.	Stamping Oil.....			
1923.	Printing Oil, best.....			
1924.	Asphalt Varnish for etching.....			
1925.	Copal Varnish.....			
1926.	Damar Varnish.....			
1926A.	Mastic Varnish.....			
1927.	White Spirit Varnish.....			
1928.	Rectified Spirits of Turpentine.....			
1930.	Taking Out Oil.....			

If you want to avoid trouble

USE ONLY THE

“Elarco Gold Facilitator”

For Thinning and Mixing your Roman Gold, Silver, Etc.

To use Turpentine for thinning your gold, etc., is unreliable; Lavender Oil is better, but evaporates too quickly and will not facilitate or be a help to you in covering large surfaces or to do satisfactory banding.

The “Elarco Gold Facilitator” will dissolve any gold quickly and will make same flow evenly from the brush, facilitating banding and covering large surfaces. We can also recommend it as a painting medium for colors. It will be a welcome addition to your outfit.

No.		per 1 oz. bot.	pint
1569.	Elarco Facilitator.....		

## ENGRAVERS' TOOLS

No.  
2220

2222



Engraving Needle

2224



Roulette for Skies, Etc.

each

2220. Steel Etching Needle, Ebony Handle, various sizes.....  
 2222. Engraving Needles, long Wood Handles.....  
 2224. Roulettes for Skies, etc., various, No. 25 to 33.....  
 2226. Roulettes for Tinting, various, No. 1 to 10.....  
 2227. Roulettes for Dotting.....

## Etching Materials

No.

2229. Etching Ground, prepared ready for use.....per lb.  
 2230. Black Stopping-Out Varnish, ready for use....."  
 2231. Walling Wax in Cakes.....per cake  
 2231A. Dragon's Blood.....per lb.  
 2235. Asphaltum, special prepared in Turpentine....."  
 2236. Syrian Asphaltum in lumps....."  
 2236A. Egyptian Asphaltum in lumps....."  
 2236B. Egyptian Asphaltum, Powder....."  
 2237. Burgundy Pitch in lumps....."  
 2238. Pure Beeswax, yellow....."  
 2238A. Pure Beeswax, white....."  
 2239. Best Paraffine....."  
 2240. Stearine....."  
 2240A. Rosin, Lumps....."  
 2240B. Rosin, Powder....."  
 2241. Spermaceti....."  
 2242. Russian Tallow....."  
 2243. Stockholm Tar....."  
 2244. Lamp Black, Germantown....."  
 2245. Rubber Gloves.....per pair  
 2005. Hand Hammered Copper Plates for engraving.....per square inch  
 2006. Finely Finished Steel Plates for etching.....per square inch  
 1699A. Etching Powder for Dry Etching on Glass.....per lb. per oz.  
 1699B. Stamping Oil for Dry Etching on Glass.....per lb. per bot.

No.	Per oz.	per lb.
-----	---------	---------

## Printers' Sundries

### LAMB'S PRINTING TISSUE PAPER

No.			Per ream
1940.	Double Crown	20 x 30 inches.....	
1941.	Imperial	28 x 28 ".....	
1943.	Extra Size	16 x 28 ".....	
1944.	Extra Size	16 x 32 ".....	

Any other size cut to order and price will be charged at the rate of size 20 x 30 in.

1955. In Rolls of about 22 lbs., 13½ and 13¾ inches wide.....per lb.

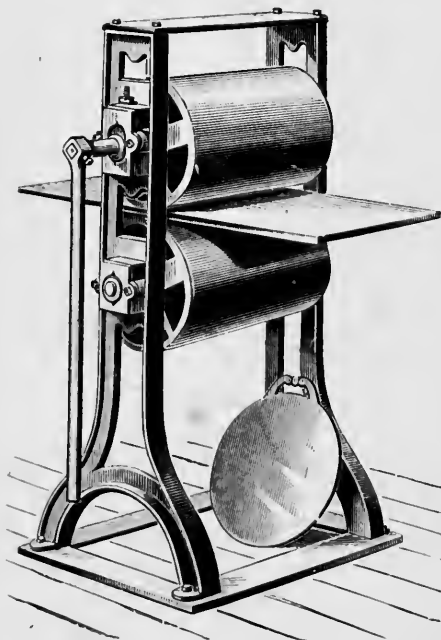
(Any other size cut to order)

### SPECIAL PRINTING PAPER FOR ETCHING

No.			Per ream
1956.	Double Crown	20 x 30 inches.....	
1956A.	Extra Size	18 x 23 ".....	
1956B.	Extra Size	20 x 24 ".....	

(Any other size cut to order)

In printing from engraved plate, constant difficulty arises with pin holes in the prints which are caused by the paper being porous. The above tissue has been carefully made, with a view to avoiding the necessity for retouching of bad prints, and assures perfect impressions.



No. 2002  
**DECORATORS' PRINTING PRESS**  
 For  
**Steel and Copper Plate**  
**Printing**

Complete with Table and Baxton... each

Furnished equipped with 12 in. Rolls and Table. The lower Roll is mounted on stationary bearings and the upper one on adjustable bearings in order to enable the operator to maintain the desired pressure.

No. **BEST POTTERS' PRINTING FLANNEL**

1965. Per yard, 31 inches wide. ....  
 1966. Per yard, extra heavy, 31 inches wide. ....  
 Special price on rolls of 45 yards

**CROWN SOFT SOAP**

1968. Per quart jar ..... Per gallon .....  
 Per firkin, containing 75 lbs., per lb., per bbl. (about 350 lbs.), per lb.

**IMPROVED ENGLISH PRINTERS' WOODEN MULLERS**

Also very good for lawning dry colors in place of Glass Muller

1991. Height, 3 $\frac{3}{4}$  in., surface, 2 $\frac{3}{4}$  in. .... per piece

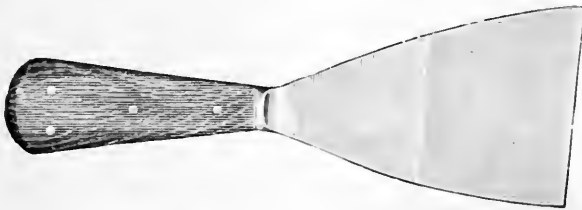
**IMPROVED PRINTERS' KNIVES**

Sheffield Make

1990. Length of blade, 8 $\frac{1}{2}$  in., width of blade, 2 in. .... per doz.

**PRINTERS' AND GILDERS' PLATE SCRAPERS**

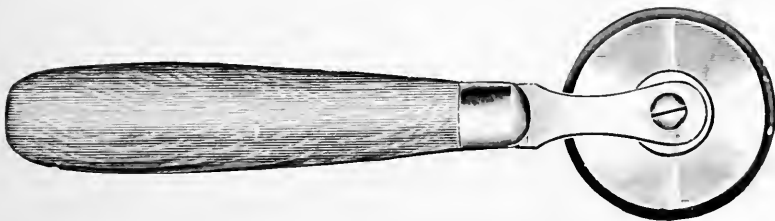
Riveted Handles, Steel Blades



Width of blade.....Inches    2       2 $\frac{1}{2}$        3       3 $\frac{1}{2}$        4       4 $\frac{1}{2}$        5

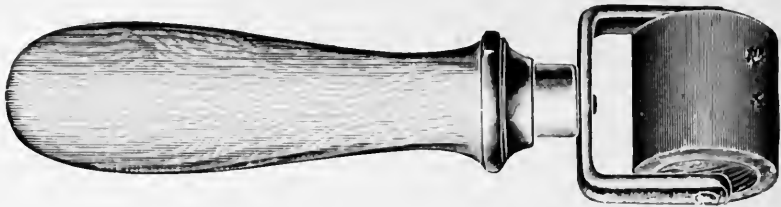
1996. Stiff (for Printers) Per doz.  
 1996A. Flexible (for Gilders) Per doz.

**PRINTERS' PAPER ROLLER CUTTERS**



1997. Circular Blade, 2 inch. .... Per doz. Per piece

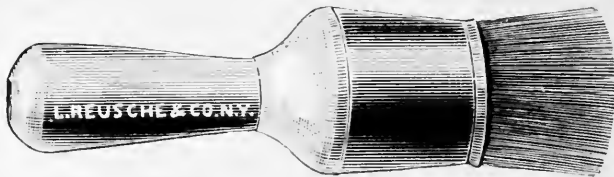
Decorators' Sundries  
RUBBER COVERED ROLLERS



No.		Per doz.	Per piece
1998.	Width of Roller, 2 inch		
1998A.	" " " 4 inch		

DECALCOMANIA RUBBING BRUSHES

The handle is shaped according to grip; the bristles are tightly mounted, forming a solid smooth surface. These brushes in constant use will last from 2 to 3 months.



Size . . . . .	1, 1½ in. diam.	2, 1 in. diam.
1999. Per doz. . . . .		

CHAMOIS SKINS—Very Soft

2011.	Per kip (30 skins) . . . . .	per skin
For making pounces, polishing Roman Gold, Rubbing Decale and for Potters' use.		

DUPLEX CHROMO-LITHOGRAPHIC PAPER FOR  
DECALCOMANIA

1960.	Size 20 x 26 inches . . . . .	per ream	per quire
1961.	Size 24 x 32 inches . . . . .	per ream	per quire
(Any other size to order)			

DECALCOMANIA VARNISH OR SIZE FOR OVERGLAZE

2010.	Per pint . . . . .	Per gallon . . . . .
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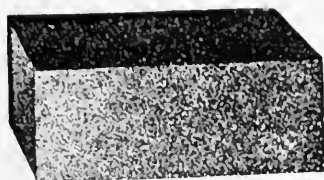
DECALCOMANIA VARNISH OR SIZE FOR UNDERGLAZE

2010A.	Per pint . . . . .	Per gallon . . . . .
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**SPONGE RUBBER For Decorators' and Potters' Use**

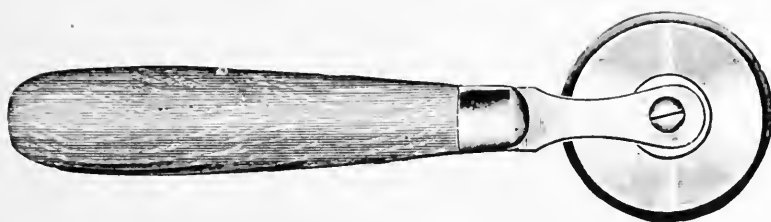
Cushions for



Rubber Stamps

In sheets of about 20 inches square

No. 2192.  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$  or 1 inch thick. . . . . Per lb. Per oz.

**AIR CUSHIONED STAMPING WHEELS**

No. 2003. Air Cushion Wheels without Handles. . . . . Per piece

**COMPOSITION RUBBER IN SHEETS For Stamping**

2000. Furnished in any size, thickness and softness. . . . . Per lb.

**COMPOSITION RUBBER IN TRAYS**

2000A. Large Tray,  $12\frac{1}{2} \times 12\frac{1}{2} \times 1$  in. deep. . . . . per Tray complete  
Composition should be removed on receipt and replaced in tray with reverse side up.

**COMPOSITION RUBBER ROLLER**

No. 2000B. Composition Rubber Roller, 4 inches wide. . . . . Per piece

In order to produce clean sharp impressions in stamping: Cover a glass slab with an even film of No. 1922 Stamping Oil and roll the No. 2000B Composition Roller over the oiled surface until the roller is evenly coated; after which roll same over the No. 2000 Composition Rubber pad until it is thinly and evenly covered. Stamp from this oiled surface and dust with color or powder gold.

We recommend No. 1922 Stamping Oil as it will permit immediate dusting without spreading. It will also retain sufficient stickiness for dusting, after standing several hours.

**DUSTING TRAY—Detachable Cover**

No. 2014. For Dry Colors, size  $12\frac{1}{2} \times 12\frac{1}{2} \times 1$  inch deep. . . . . Per piece

**GOLD STAMPING TRAY—Detachable Cover**

No. 2014A. For Bright Gold; containing  $12 \times 12$  inch Ground Glass Slab. . . . . Per piece



**PATENT AUTOMATIC RESPIRATOR**

(Protecting the throat and lungs from dust)

No. 2010B.....per piece

The air is inhaled through a thin wet sponge, and exhaled through an automatic valve in the side. They are manufactured of the best white rubber. After using a while, upon removing the sponge and rinsing, the wearer will readily be convinced of its great value when he sees what the sponge has absorbed.

**SILK LAWN OR BOLTING CLOTH—For Lawning  
Powder Colors and Potters' Use**

No. 2015. 40 in. wide, per yard.....  
No. 18 fine    No. 14 medium    No. 10 coarse

**WIRE LAWN—For Lawning Colors, Etc.**

2017. Per square foot.....  
fine (150 mesh)    medium (100 mesh)    coarse (70 mesh)

**WIRE LAWN SIEVES—For Lawning Colors**  
(Furnished in 100 mesh if not otherwise specified)

2018. Each.....  
6 in.    8 in.    10 in.    12 in.

**WEDGWOOD MORTAR AND PESTLE**



Guaranteed

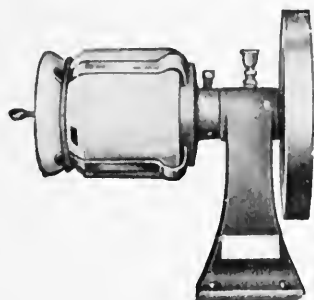
Acid Proof

2020. Inches across top.....  
Each.....  
3    4    5    6    8    10    12

## Grinding and Mixing Mills

FOR DRY AND WET GRINDING

Single Jar

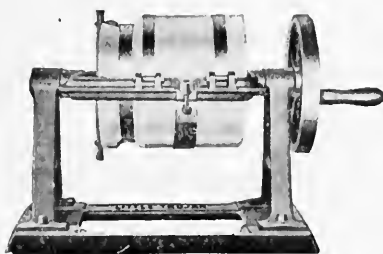


Sample Mill

No.		
2301.	Single Sample Mill (will grind $\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color).	Each
2302.	Double Sample Mill (will grind $\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color per jar).....	"
2303.	Quintuple Sample Mill (will grind $\frac{1}{4}$ oz. to $1\frac{1}{2}$ lbs. color per jar).....	"
2304.	Porcelain Jar only .....	"
2305.	Cover only .....	"
2306.	Gasket .....	"
2307.	Crossbar .....	"
2308.	Pebbles .....	Per Charge

(Speed of mill, 80 revolutions to the minute)

Single Jar



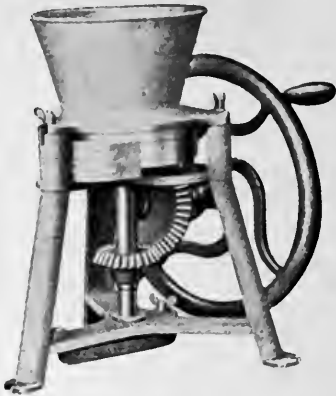
Assay Mill

2310.	Single Assay Mill (will grind 1 oz. to 5 lbs. color).....	Each
2311.	Double Assay Mill (will grind 1 oz. to 5 lbs. color per jar).....	"
2312.	Porcelain Jar only .....	"
2313.	Cover only .....	"
2314.	Gasket .....	"
2315.	Crossbar .....	"
2316.	Neckband .....	"
2317.	Pebbles .....	Per Charge

(Speed of Mill, 60 revolutions to the minute)

All of the above Mills can be furnished with either handwheel pulley or with tight and loose pulley, or with motor.

Grinding and Mixing Mills  
FOR WET GRINDING



Each

No.	
2022.	Size 4, Iron Hopper, one quart capacity, with crank.....
2022A.	Size 3, Iron Hopper, two quart capacity, with crank.....
2022B.	Size 2, Iron Hopper, four quart capacity, with crank.....
2023.	Size 4, Bronze Hopper, one quart capacity, with crank.....
2023A.	Size 3, Bronze Hopper, two quart capacity, with crank.....
2023B.	Size 2, Bronze Hopper, four quart capacity, with crank.....
2023C.	Tight and Loose Pulley Stand for Sizes 2 and 3.....

Should make 50 Revolutions per minute.  
For White Enamel, Carmines and Rubies use Bronze Mill.

GROUND GLASS SLABS, Extra Thick

Ground on Both Sides



Rounded Corners

2028.	Inches square.....	1	6	8	10	12	14	16	20
	Each.....								

GROUND GLASS MULLERS

2029.	Inches in diameter.....	1	1 1/4	1 1/2	2
	Per piece.....				

Larger sizes from 2 in. to 6 in. diameter, per lb.

## ARTISTS' STEEL PALETTE KNIVES

Sheffield Make, Cocoa Handle



No.									
2034.	Inch blade.....	2 $\frac{1}{4}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	6	
	Per doz.....								

## ARTISTS' STEEL PALETTE KNIVES

American Make, Ebony Handle

2034A.	Inch blade.....	2 $\frac{1}{4}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	6	
	Per doz.....								

## PAINTERS' PALETTE KNIVES—Stiff, Broad Point



2036.	Inch blade.....	3	4	5	6	8	10	12	
	Per doz.....								

## PAINTERS' PALETTE KNIVES—With Rest



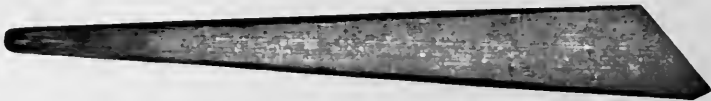
2036A.	Inch blade.....	3	4	5	6	8	10	12	
	Per doz.....								

## ARTISTS' STEEL PALETTE KNIVES—German Shape



2037.	Inch blade.....	2 $\frac{1}{4}$	3	3 $\frac{1}{2}$	4				
	Per doz.....								

ARTISTS' ALL STEEL PALETTE KNIVES



No. 2038. 7 inches long ..... Per doz.

ARTISTS' HORN PALETTE KNIVES

German Shape, like No. 2038

2039. Inches long..... 3½ 4 5 6 7½ 9  
Per doz.....

WOOD PALETTE KNIVES

For White Enamel, Etc.

2040. German shape, 8 in. long (see Illustration No. 2038)..... Per doz.

SELECTED STEEL COLOR ERASERS, ETC.



No. 2045



No. 2042



No. 2043



No. 2048

2042. Curved Eraser, 1½ in. curved steel, pol. handle..... Per piece Per doz.  
2043. Curved Eraser, with erasing pin, pol. handle.....  
2045. Erasing Knives, 1¾ in. blade, pol. handle.....  
2048. Erasing Pins, 1¾ in. pin point, pol. handle.....  
2050. Ebony Wood Tracers, 6½ in. long.....

STENCIL KNIFE

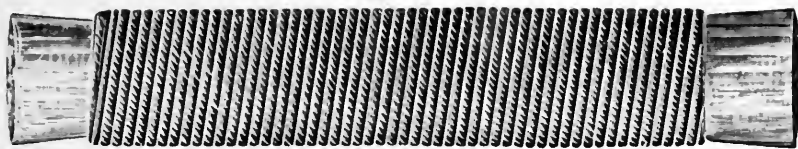


2012A. Double edged steel blade, 5 in. long..... Per doz

## Imported Glass Brushes

### For Burnishing Matt Gold

Elarco Glass Brushes are celebrated throughout Europe and America on account of their softness and fineness as well as their lasting quality, and are GUARANTEED NOT TO SCRATCH. They are paper wrapped between glass and cord.



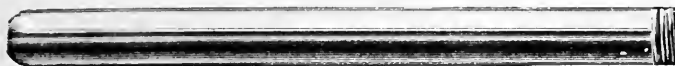
Actual size and thickness of No. 2, 4 in. long

No.	Size	1	2	3	4
2053.	Thickness inch	$\frac{1}{12}$	$\frac{2}{31}$	1	$1\frac{1}{4}$
	8 in. long, per doz.				
	4 in. long, per doz.				

## BEST ENGLISH BURNISHING SAND

1555. For Scouring Gold. . . . . Per lb. Per oz.  
 This imported sand is white and free of dust, has no sharp edges to mar the surface of the gold and being free of alkali will not stain or leave a smudge.

## POCKET AGATE TRACERS



For Illuminating and Burnishing Gold



2054. Mounted in German Silver. . . . . Per piece Per doz.  
*Notice.*—The Agate is tightly inserted in a nickel ferrule. The two parts have screw joints which hold them securely together, either while in use or closed for the pocket.

## AGATE BURNISHERS AND ILLUMINATORS

Mounted in Brass Ferrules, Long Handles

2056. Straight point No. 10, 11, 12, 13. . . . . Per piece  
 Curved point No. 37, 43, 44, 45, 46. . . . .

## BLOOD STONE BURNISHERS

Brass Ferrules, Long Handles

No.	1	2	3	4	5	6
2057. Straight point						
Each						
Slant point						
Each						

2058. Burnishers' Putty. . . . . Per lb. Per oz.  
 For cleaning and polishing Burnishers

Decorators' Banding Wheels



No. 2065

No.		Each
2065/1.	Steel disk, 6½ in. diameter, 5½ in. high.....	
2065/2.	Steel disk, 8¼ in. diameter, 6 in. high.....	



No. 2070



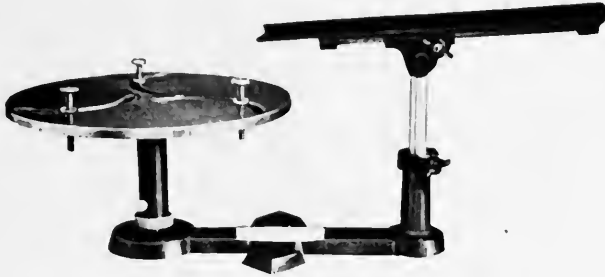
No. 2070A

	Each
2070/1. Steel disk, 8 in. diameter .....	
2070/2. Steel disk, 10 in. diameter .....	
2070/3. Brass disk, 8 in. diameter .....	
2070A. Self centering steel disk, 12 in. diameter .....	

The above banding wheels are 27 inches high, are adjustable, and can be raised to 38 inches.



SELF-CENTERING BANDING WHEEL

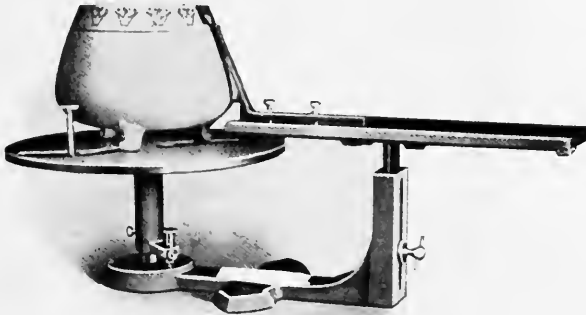


No.	Each
2072A. Self-centering banding wheel, disk 12 in. diameter. . . . .	

This banding wheel is recommended for amateur decorators as it assures accuracy, and simplifies banding.

It has an adjustable wooden arm rest, which can be regulated for any angle, and can be raised or lowered, or brought closer or further away from the center of the disk.

DIVIDING AND SELF-CENTERING BANDING WHEEL



No.	Each
2072B. Dividing and self-centering banding wheel. . . . .	

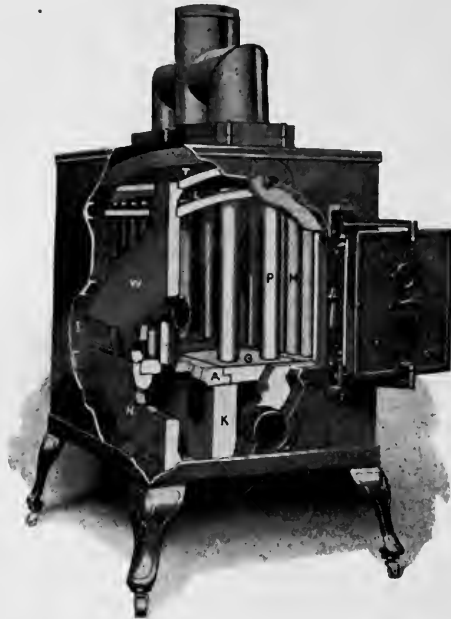
This banding wheel, besides having the self-centering device described under our No. 2072A wheel, has an attachment which enables one to accurately divide the surface of plates, cups and vases into 2, 3, 4, 6, 7, 8, 9, 12, 14, 18, 28, 36 and 56 equal divisions.

The hinged straight edge, attached to the arm rest, makes it possible to draw vertical lines on vases and radial lines on plates.

## Keramic Kilns

for

### Decorators and Potters

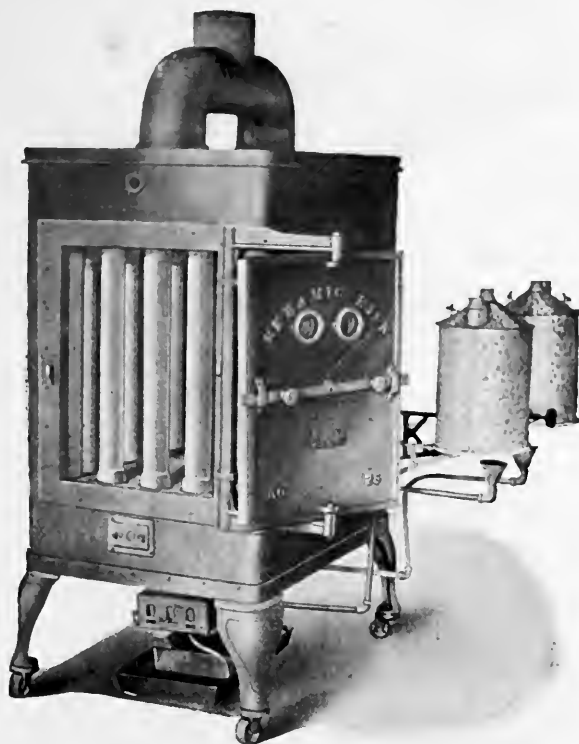


These Kilns are designed with a view of giving the Decorator and the Pottery Manufacturer the best service possible.

As it is the quality of Fire Clay used in its construction, that determines the life of a kiln of this kind, only the very highest grade has been used in making the linings.

Proper design of combustion chamber, and use of removable leak-proof front tubes, make it possible to obtain uniform heat in muffle.

Simplicity of construction makes it easy to replace any muffle part, without the tedious and expensive necessity of removing the entire muffle.



## DECORATING KILNS

No.	Inside Muffle Dimensions			Ship. Wt. Lbs.	Each
	Width	Height	Depth		
2085/23.....	10½	15	24	850	
2085/24.....	14½	18½	26	1100	
2085/25.....	18	24	30	1500	
2085/26.....	18	24	38	1700	
2085 12.....	15	18	Round	725	

## POTTERY KILNS

	Width	Height	Depth	Lbs.
2085 101.....	10½	15	20	1000
2085/102.....	14	18	22	1475
2085/103.....	18	22	32	2250
2085/104.....	22	25	38	3800
2085 106.....	31	36	48	7900

Gas or Oil Burning Equipment Optional

Focht Gas Kilns  
FOR CHINA AND GLASS  
Fire Positively Uniform

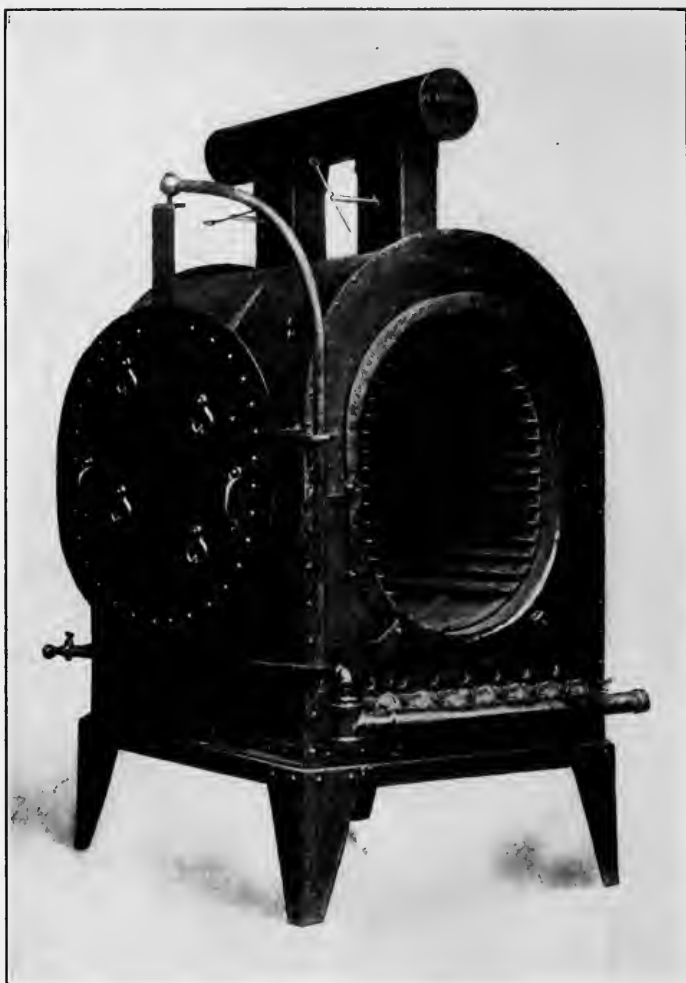


Illustration of Size 3 Focht Kiln

The first Focht Gas Kiln was built in 1901, and it, at the time, embraced the best ideas in kiln construction. However, since then, through scientific research and through the following-up of suggestions made by users of the Focht Kiln, many improvements have been made.

Every decorator knows, that uniformity of heat is an absolute necessity in firing glassware. In constructing the Focht Kiln, this feature was considered the most important, and the manufacturer guarantees that the heat in the kilns can be properly regulated to fire the most delicate glassware without its losing shape by melting down or bending. A kiln full of ware decorated in one color, even Rubies and Pinks, which are known to be extremely susceptible to heat variations, can be fired uniform in shade.

Because of the care taken in designing the Focht Kiln, there is absolutely no loss of heat; in fact, when the muffle has been heated to the desired degree, the outside of the kiln is cool enough to permit touching. This is good proof that there is no loss of heat, and means a minimum cost of fuel.

Coming into direct contact with intense heat, the firing pot or muffle of a kiln must be ready to face the severest test of endurance. Realizing this, and knowing that the life of the kiln depends upon the ability of the firing pot to withstand the action of heat, the manufacturers of the Focht Kiln have used the finest grade of heat-withstanding steel in constructing the muffle of their kiln, thereby insuring maximum service.

The great number of users and the vast number in daily operation attest to the merit of Focht Kilns.

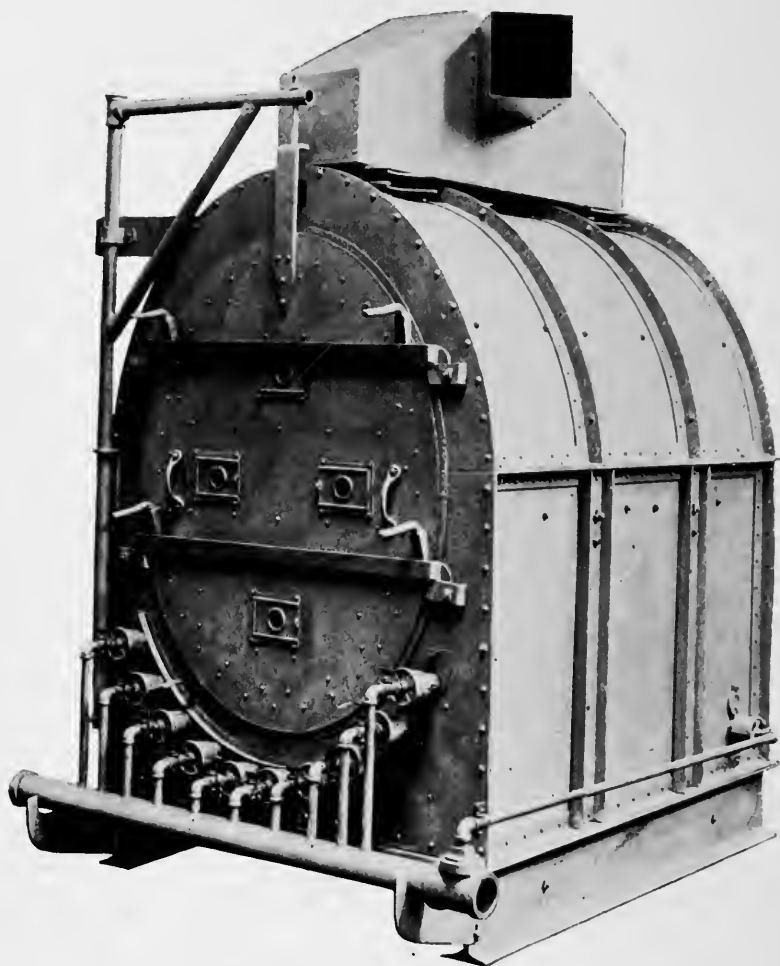


Illustration of Size 4 Foehl Kiln

## Focht Gas Kilns

## SPECIFICATIONS

No.  
2086.

SIZE	A	B	1	2	3	4	5
WIDTH OF MUFFLE	12"	14"	16"	22"	28"	42"	42"
HEIGHT OF MUFFLE	16"	20"	24"	30"	36"	54"	54"
DEPTH OF MUFFLE	18"	22"	30"	36"	42"	60"	72"
NUMBER OF SHELVES	5	5	6	6	6	8	8
NUMBER OF BURNERS	4	5	5	6	7	10	10
SIZE OF GAS PIPE REQUIRED	1"	1¼"	1½"	2"	2"	3"	3"
APPROXIMATE GAS CONSUMPTION PER CU. FT. PER HR.	450	500	600	650	700	1500	1800
SHIPPING WEIGHT	650	800	1600	2700	3600	8900	9050
PRICE F.O.B. N.Y.C.							

## Glass Stainers' Flash Kiln

### FOR FLAT GLASS WORK



This Kiln is especially adapted for firing Ornamental Flat Glass Work, and is used by the leading artists in preference to the Muffle Kiln, as much less time is required for firing.

No.	Width of Muffle	Depth of Muffle	Total Height	Floor Space	Max. Gas Consumed Cu. ft. pr. hr.	Price F. O. B. N. Y.
2084/1	24 inch	24 inch	48 inch	30 x 28 inch	300	
2084/2	24 inch	36 inch	48 inch	30 x 40 inch	450	
2084/3	30 inch	42 inch	50 inch	36 x 46 inch	700	
2084/4	30 inch	60 inch	50 inch	36 x 64 inch	1000	

### PYROMETERS

We recommend this instrument especially where delicate glassware is being fired. Information gladly furnished on application.



## SEGER CONES

## Heat Indicators

No.	Per Piece	Per Box of 10	Per Box of 50
2221. Cones .....			
2232. Cone Stands or Sockets .....	Per Piece	Per 100	

Cones should be placed in different parts of the kiln, in such positions, as to be visible thru the holes provided for the purpose. It is recommended to use three cones of different numbers in each position, so that the lowest number, will indicate that the heat is approaching the degree to which it should be fired; the middle number will indicate the degree of heat desired, while the third number will show, by remaining erect, that the kiln is not over-fired.

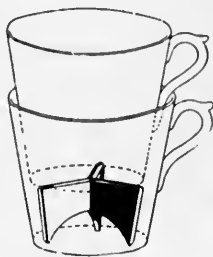
## CONES AND CORRESPONDING TEMPERATURES

Cone No.	°Cent.	°Fahr.	Cone No.	°Cent.	°Fahr.	Cone No.	°Cent.	°Fahr.
022	590	1094	02	1110	2030	19	1510	2750
021	620	1148	01	1130	2066	20	1530	2786
020	650	1202	1	1150	2102	21	1550	2822
019	680	1256	2	1170	2138	22	1570	2858
018	710	1310	3	1190	2174	23	1590	2894
017	740	1364	4	1210	2210	24	1610	2930
016	770	1418	5	1230	2246	25	1630	2966
015	800	1472	6	1250	2282	26	1650	3002
014	830	1526	7	1270	2318	27	1670	3038
013	860	1580	8	1290	2354	28	1690	3074
012	890	1634	9	1310	2390	29	1710	3110
011	920	1688	10	1330	2426	30	1730	3146
010	950	1742	11	1350	2462	31	1750	3182
09	970	1778	12	1370	2498	32	1770	3218
08	990	1814	13	1390	2534	33	1790	3254
07	1010	1850	14	1410	2570	34	1810	3290
06	1030	1886	15	1430	2606	35	1830	3326
05	1050	1922	16	1450	2642	36	1850	3362
04	1070	1958	17	1470	2678	37	1870	3398
03	1090	1994	18	1490	2714	38	1890	3434

## CONES SUGGESTED FOR CERAMIC INDUSTRY

022 Colors and Fluxes for Glass	03 Easy Earthenware Biscuit
021 Colors and Fluxes for Glass	02 Hard Earthenware Biscuit
017 Enamels for Cast Iron and Copper	4 Granite Biscuit and Soft Brick Glazes
015 Colors (Light Fire)	7 English China Biscuit, Hard Brick
013 Colors (Regular Fire)	Glaze (Fusing Point of Felspar)
011 Colors (Hard Fire)	9 German and Chinese Porcelain (Fusing
07 Majolica Colors and Colored Glazes	Point of Cornwall Stone)
05 Earthenware and English China Glazes	12 German and French Hard Porcelain
04 Hard Earthenware Glazes	14 Serves Hard Porcelain
	17 Copenhagen Porcelain

Stacking Sundries



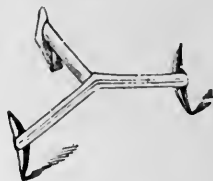
No. 2081



No. 2080



No. 2079



No. 2078

STILTS

Double Point

No. 2078.	Size.....	1	3	5	7	9	12
	Per doz.....	..	..	..	..	..	..
	Per gross.....	..	..	..	..	..	..

STILTS

Single Point

2078A.	Size.....	1	3	5	7	9	12
	Per doz.....	..	..	..	..	..	..
	Per gross.....	..	..	..	..	..	..

SPURS

2079.	Size.....	1	3	5	7	9	12
	Per doz.....	..	..	..	..	..	..
	Per gross.....	..	..	..	..	..	..

DOUBLE POINTED SPURS

2079A.	Diam. 1 in.....	Per doz.	Per gross
--------	-----------------	----------	-----------

TRIANGULAR BARS OR SADDLES

		Per doz.	Per gross
2080.	Size 1, 6 inches long.....		
	Size 2, 8 inches long.....		

BUTTERFLY STILTS FOR CUPS

		Per doz.	Per gross
2081.	Size 1, 1¼ in. high, 1½ in. diam.....		
	Size 2, 1¼ in. high, 1¾ in. diam.....		
	Size 3, 1¾ in. high, 2¼ in. diam.....		

PLATE THIMBLES

		Per doz.	Per gross
2081A.	Thimbles.....		
2081B.	Thimble Sockets.....		

## Genuine Sheet Platten

### FOR STACKING IN KILN

No.		Per piece
2082.	Sheet 10 in. square, $\frac{3}{4}$ in. thick. . . . .	
	(Weight per sheet, 2 $\frac{1}{2}$ lbs.)	

Genuine Imported Sheet Platten are indispensable to the china and glass decorators for stacking their kilns because they will bear considerable weight under extreme heat without cracking or warping, thereby making it possible to utilize all available space in the kiln. Because of the nature of the material, it will not stick to the article being fired, nor will it mark or scar the surface.

Sheet Platten can be readily cut into strips with a hacksaw.

### FIRING BOARDS

#### For Stacking China or Glass in Kilns

No.		Per piece
2083A.	8 x 8 in., $\frac{3}{16}$ in. thick, weight about 1 lb. . . . .	
2083B.	12 x 12 in., $\frac{3}{16}$ in. thick, weight about 2 lbs. . . . .	
	(Any other size made to order)	

## Sundries

No.		Per lb.
2087.	Asbestos Cement for Lining Kilns (in 10 lb. cans) . . . . .	
2087A.	Asbestos Fibre . . . . .	
2088.	Kiln White Wash (mix with water) . . . . .	
2089.	Fire Clay (mix with water) . . . . .	
1935.	Cement for mending China . . . . .	per lb. per oz.

This cement is mixed with water to the consistency of thick paste. Apply to the broken edges of the china and allow the connected article to dry. Fire at Rose color heat.

1938.	Asbestos Cord . . . . .	Per 6 yd. piece	Per 1 lb. reel
2171.	Emery Cloth, for removing kiln specks from decorated ware . . . . .	Per sheet	

### "ELARCO" PREPARED ERASING FLUID

#### (A Diluted Hydrofluoric Acid)

No.		Per oz.	Per lb.
1575.	In wax bottles packed in wooden cartons . . . . .		

#### "DANGER

#### POISON"

This fluid will produce burns if it gets on the skin.

(Not responsible for injury through improper handling.)

For removing fired-in Colors, Gold, etc., take a flat pointed Cedar Pencil Stick, dip same in bottle and rub on spots to be removed.

**NOTE.**—In using Acids work with Rubber Gloves.

Improved Spraying Machines



No.			Each
2050.	Type X7.....	Size, ¼ pint.....	
2051.	Type X7.....	Size, ½ pint.....	
2052.	Type X7.....	Size, 1 pint.....	
2050A.	Glass jar only.....	Size, ¼ pint.....	
2050B.	Jar cap only.....	Size, ¼ pint.....	
2051A.	Glass jar only.....	Size, ½ pint.....	
2051B.	Jar cap only.....	Size, ½ pint.....	
2052A.	Glass jar only.....	Size, 1 pint.....	
2052B.	Jar cap only.....	Size, 1 pint.....	

This is a machine made for small as well as large surface spraying. (Regulated by an adjustable needle.) It is strongly constructed so as to withstand the wear and tear of constant use. Can be used for spraying Colors, Lustres, Cold Color Enamels, Lacquers, etc.

Having perfect balance, attained through equal distribution of its weight, and a natural grip, this machine may be easily operated without the tiring effect on the user.

## Air Brush



For Fine Color Decoration as well as for  
Water Color Work

No.	Each
2265. Type Model M.....	
2265C. Extra jars.....	

## GLASS SPRAYERS

Made in two styles; one for straight work and one for spraying inside hollow pieces like bowls, vases, etc.

This Glass Sprayer will withstand the chemical action of our Mother of Pearl and Orange Iridescent Solutions. (See page 52.)

The Suction Tube can be put in any size or shape vessel.

No.		Per doz.	Per piece
2265A. Straight Sprayer.....			
2265B. Interior Sprayer.....			
2096. Extra Heavy Tin Foil for Stencils, 14 in. wide.....			Per lb.
2097. Extra Heavy Stencil Paper, prepared for stencils.....			Per sheet
2042. Stencil Knives for Cutting Stencils.....			Per piece

## SPRAY—TINTORINE

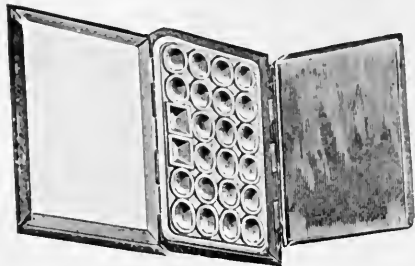
A water preparation for air brush and spray machine work. Colors do not become caked or fat as is the case when mixed with turpentine, nor will they blister when fired.

## DIRECTIONS

Use the colors a trifle stiffer than with turpentine and see that the ware is free from grease spots, etc. Do not rush color through sprayer at great speed in tinting; it means an enormous amount of color being blown to waste. Colors should be lawned through 120 mesh. If any color should show a tendency to settle, a pinch of salt stirred into mixture will prevent it.

No.	Per gallon	Per pint
2095A. Spray-Tintorine.....		

Artists' China Palettes



No. 2059



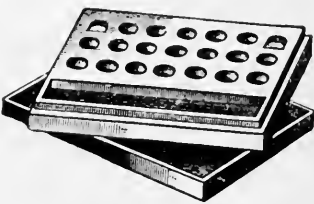
No. 2060A

Artists' China Palette, in japanned tin folding box with ground glass slab attached to outer cover, has 24 extra deep recesses with raised edges to prevent color from running from one recess to another. Recommended for enamel work.

No.		Per piece
2059 1.	27 <sup>3</sup> / <sub>8</sub> in. wide, 4 <sup>1</sup> / <sub>8</sub> in. long.....	
2059 2.	3 <sup>3</sup> / <sub>4</sub> in. wide, 5 <sup>3</sup> / <sub>8</sub> in. long.....	
2059 3.	4 <sup>3</sup> / <sub>8</sub> in. wide, 6 <sup>1</sup> / <sub>4</sub> in. long.....	
2059 4.	6 <sup>1</sup> / <sub>4</sub> in. wide, 7 <sup>1</sup> / <sub>4</sub> in. long.....	

Artists' China Palette, has 21 extra deep recesses with raised edges. The cover of palette rests over the recesses keeping the prepared colors in perfect condition. The cover forms a very desirable painting and mixing palette. Especially recommended for enamel work.

No.		Per piece
2060A.	Size of palette, 4 <sup>5</sup> / <sub>8</sub> in. wide, 7 <sup>1</sup> / <sub>2</sub> in. long.....	



No. 2060

Artists' China Palette with slant and cover, has 21 recesses.

No.		Per piece
2060.	Size of palette, 4 <sup>1</sup> / <sub>2</sub> in. wide, 7 in. long.....	

WHITE CHINA TILES

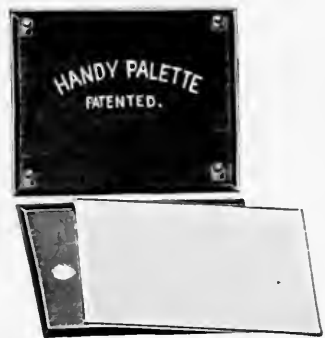
These Tiles have a perfect glazed surface on one side and may be used for mixing colors as well as for decorating purposes.

No.		Per piece
2061.	Size of tile, 6 x 6 in.....	

China Painters' Palettes



No. 2063A.



No. 2062A

These palettes are made of heavy japanned tin, without objectionable hinges, but are equipped with fasteners at both ends which close them securely. They are practical and indestructible; the glass slabs can be easily removed for cleaning purposes and if broken may be readily replaced.

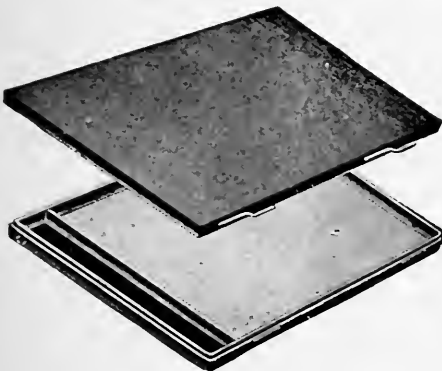
ELARCO PALETTE

No.	Per piece
2063A. Size 9 x 12 inches complete.....	
2063B. Extra glass slab to fit above.....	

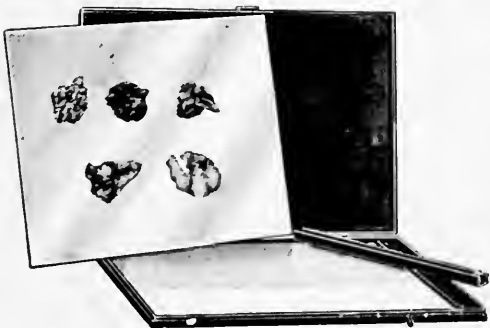
HANDY PALETTE

2062A. Size 8 x 10 inches complete.....
2062B. Extra glass slab to fit above.....

No. 2062A will fit in our Outfit Boxes, No. 2137C.



No. 2062/1



(PATENTED)  
No. 2063

No.	Per piece
2062 1. Ideal Palette, size 9 x 13 inches.....	
2062 2. Ideal Palette, size 6 x 7 inches.....	
2063. Indestructible Palette, size 9 x 13 inches.....	
2062C. Extra Glass Slab to fit No. 2062/1 and No. 2063.....	

Outfit Boxes  
for  
Amateur China Decorators



No. 2137A

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—  
15 Vials of Color, 1 oz. Bottle of Oil, 1 Box Gold, 1 Glass Slab 4 x 4 in., Palette Knife, Brushes, etc.

**SOLD WITHOUT CONTENTS**

No.	Per piece
2137A. Size of Outfit Box, 4½ x 9 in.....	



No. 2137B

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—  
26 Vials, 2-1 oz. Bottles of Oil, 2 Boxes Gold, 1 Glass Slab 6 x 6 in., Palette Knife, Brushes, etc.

**SOLD WITHOUT CONTENTS**

No.	Per piece
2137B. Size of Outfit Box, 7½ x 10½ in.....	



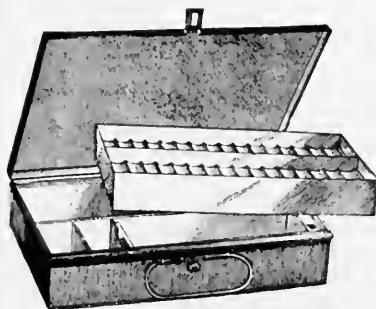


No. 2137D

These Outfit Boxes are made of hard wood, lock cornered, and highly polished. Will hold—26 Vials of Color, 3-1 oz. Bottles of Oil, 2 Boxes of Gold, 1 Handy Palette, Palette Knife, Glass Brush, Brushes, etc. Also has space under color trays for tracings, etc.

## SOLD WITHOUT CONTENTS

No.	Per piece
2137C. Size of Outfit Box, $8\frac{3}{4} \times 10\frac{3}{4}$ in., without Handy Palette.....	
2137D. Size of Outfit Box, $8\frac{3}{4} \times 10\frac{3}{4}$ in., including Handy Palette.....	

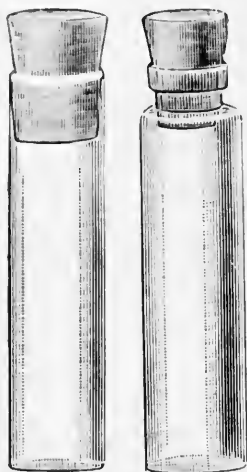


No. 2137

These Outfit Boxes are made of heavy japanned tin, arranged to hold colors in Vials and Tubes.

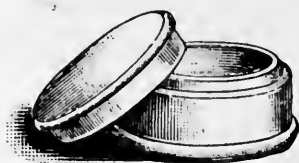
No.	Each
2137 1. $6\frac{1}{2} \times 11\frac{1}{2} \times 1\frac{1}{2}$ inches, 18 divisions.....	
2137 2. $8\frac{1}{4} \times 10 \times 1\frac{5}{8}$ inches, 32 divisions.....	
2137 3. $8\frac{1}{4} \times 12\frac{3}{8} \times 1\frac{5}{8}$ inches, 40 divisions.....	
2137 4. $9\frac{1}{2} \times 13\frac{1}{2} \times 2$ inches, 44 divisions (without palette).....	
2137 $1\frac{1}{2}$ . $7 \times 11 \times 2\frac{1}{2}$ inches, 18 divisions, with special size palette.....	
2137 4. $9\frac{1}{2} \times 13\frac{1}{2} \times 2$ inches, 44 divisions, contains "Ideal" Palette.....	

## Bottles and Vials



802

803



807



804

805



808



800



801

## Bottles and Vials with Corks

## FOR BOTTLING POWDER COLORS, OILS, LUSTRES, ETC.

No.		Per doz.	Per gross
S00.	1 oz. Bottles for Oil.....		
S00A.	$\frac{1}{2}$ oz. Bottles for Oil.....		
S01.	Bottles for Lustre.....		
S02.	Vials for Color.....		
S03.	Vials for Color.....		
S04.	$\frac{1}{2}$ Size Vials for Color.....		
S05.	Vials for Liquid Gold.....		
S07.	Oil and Color Cups.....		
S08.	Non-Tipable Bottles.....		

See cuts on opposite page.

## Air-Tight Jars



No. S06 A



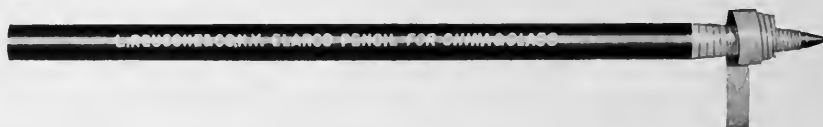
No. S06

These jars are the ideal containers for oils and mixed colors or prepared material, which may be necessary to preserve in clean working condition.

They are hermetically sealed with caps which can very readily be removed and replaced by simply applying a slight pressure with thumb or forefinger to the center in removing, and by a slight downward pressure to the sides in replacing. This type of cap, having no screw thread, cannot become loosened, thereby avoiding leakage.

No.		Per doz.	Per gross
S06.	1 oz. Air-tight Jars.....		
S06A.	$\frac{1}{4}$ oz. Air-tight Jars.....		

## Artists' Sundries

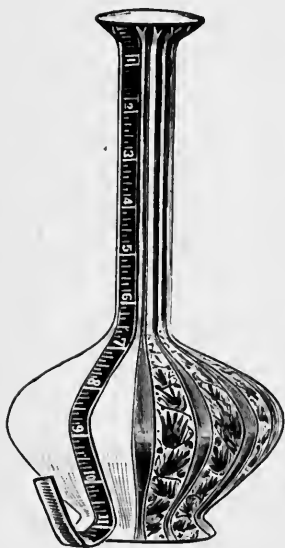


## ELARCO PENCILS

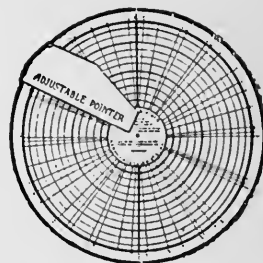
For Marking and Designing on China, Glass, Etc.

No.		Per doz.	Per gross
2180.	Black.....		
2181.	Blue.....		
2181A.	Red.....		
2181B.	White.....		
2181C.	Green.....		
2181D.	Yellow.....		

We call special attention to the **RED ELARCO PENCIL** for laying out designs on blanks for **GLASS CUTTERS' USE**. Will stand water and handling.



No. 2073B



No. 2074



No. 2074B

No.		
2073B.	Flexible Ruler, 18 in. long, graduated to $\frac{1}{16}$ in.....	Each
2073C.	Keramic Gauge for banding and centering plates, etc.....	Each
2073D.	Extra Leads for Ceramic Gauge.....	Per box
2074.	Improved Plate Spacer (directions with each spacer).....	Each
2074A.	Improved Plate Divider.....	Each
2074B.	Campana's Ring Dividers.....	Per set
1570.	French Gilding Pens for Gold Tracing (one doz. on card).....	Per doz.
1570A.	Gillott's Crow Quills, No. 659 (one doz. on card).....	"
1570B.	Gillott's Crow Quills, No. 659, loose in $\frac{1}{4}$ gross boxes.....	"

**FRENCH VEGETABLE TRACING PAPER****Transparent**

No.		Per quire	Per sheet
2162.	Telliere, 13 x 17 in.....		
2162A.	Ecu, 15 x 20 in.....		
2162B.	Raisin, 19 x 25 in.....		
2162C.	Jesus, 22 x 28 in.....		

**ELARCO TRACING PAPER****Transparent, Matt on both sides**

2163.	Sheets 15 x 21.....	Per doz.	Per sheet
2163A.	Rolls 42 in. wide, 20 yards in Roll.....	Per roll	Per yard

**JAPANESE TRACING PAPER**

2164.	11 x 15 in.....	Per quire
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**DRESDEN TRACING PAPER**

2165.	Transparent as glass, Sheet 19 x 23 inches.....	Per sheet
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**GRAPHITE TRANSFER PAPER****Very thin, will not Smut**

2166.	Sheet 16 $\frac{1}{2}$ x 20 $\frac{1}{2}$ in.....	Per doz.	Per sheet
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**CARBON TRANSFER PAPER****Blue, Black, Green, Yellow, Purple, White**

2167.	Sheet 11 x 18 in.....	Per doz.
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**WAX FOR FASTENING TRACING AND TRANSFER PAPER**

2169.	Size 2 $\frac{1}{4}$ x 5 $\frac{5}{8}$ x 3 $\frac{3}{8}$ in.....	Per piece	Per doz.
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**TRANSPARENT ADHESIVE GUMMED PAPER**

2175.	Reels of 6 yards, per reel.....	Boxes of 24 reels, per box
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**ART GUM. THE DRY CLEANER**

2169B/1.	Small, 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in. (one dozen in box).....	Per box
2169B/2.	Medium, 2 $\frac{1}{4}$ x 1 $\frac{1}{8}$ x 1 $\frac{1}{8}$ in. (one dozen in box).....	"

**INKS**

2142.	Higgins General Drawing Ink, Black.....	Per bot.
2143.	Higgins Waterproof Drawing Ink, Black.....	"
2146.	Winsor & Newton's India Ink, $\frac{1}{2}$ size bot., 1, 1 size bot.....	"
2147.	Winsor & Newton's Gold and Silver Ink, $\frac{1}{2}$ size bot., 1, 1 size bot.....	"
2148.	Super Lion Head Brand India Ink.....	Per stick

## No. 2135. Winsor &amp; Newton's Moist Water Colors



Whole Pan



### Half Tube



### Half Pan

SERIES I

Antwerp Blue	Flake White	Olive Green
Bistre	Gamboge	Payne's Grey
Blue Black	Hooker's Green 1	Permanent Blue
Brown Pink	Hooker's Green 2	Prussian Blue
Burnt Sienna	Indian Red	Prussian Green
Burnt Umber	Italian Pink	Raw Sienna
Charcoal Grey	Ivory Black	Raw Umber
Chrome, Lemon	Kings Yellow	Roman Ochre
Chrome, Yellow	Lamp Black	Sap Green
Chrome, Deep	Light Red	Terra Verte
Chrome, Orange	Mauve	Vandyke Brown
Cologne Earth	Naples Yellow	Venetian Red
Dragon's Blood	Neutral Tint	Yellow Lake
Emerald Green	New Blue	Yellow Ochre
Whole Tubes and Pans		Per doz.
Half Tubes and Half Pans		"

SERIES 2

Alizarin Crimson	Indigo	Rubens Madder
Alizarin Scarlet	Mars Yellow	Scarlet Lake
Brown Madder	Neutral Orange	Sepia
Carmine Lake	Purple Lake	Vermilion
Crimson Lake	Roman Sepia	Warm Sepia
Whole Tubes and Pans		Per doz.
Half Tubes and Half Pans		"

SERIES 3

Cadmium Yellow, Pale	Cobalt Green	Mars Orange
Cadmium Yellow	Emerald Oxide	Orange Vermilion
Cadmium Orange	French Blue	Scarlet Vermilion
Cerulean Blue	Indian Yellow	Oxide of Chromium
Cobalt Blue	Lemon Yellow	Viridian
Whole Tubes and Pans . . . . .		Per doz.
Half Tubes and Half Pans . . . . .		"

SERIES 4

Aureolin	Madder Carmine	Rose Madder
Aurora Yellow	Madder Lake	Scarlet Madder
Burnt Carmine	Purple Madder	Violet Carmine
Carmine	Primrose Aureolin	Yellow Carmine
Field's Orange Vermilion	Rose Dorée	
Whole Tubes and Pans.....		Per doz.
Half Tubes and Half Pans.....		"

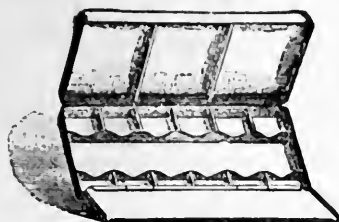
## CHINESE WHITE

Tubes of Chinese White are double the ordinary size

Large Tubes..... Per doz.                      Small Tubes..... Per doz.

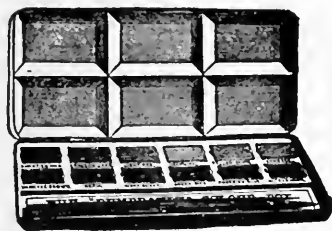
### JAPANNED TIN BOXES

For moist water colors



No.						
2136.	For Whole Pans.	6	10	12	16	20 divisions
	Per piece					
2136A.	For Half Pans.	8	12	16	20	24 divisions
	Per piece					
2136B.	For Tubes		12	15	20	24 divisions
	Per piece					

### MOIST WATER COLORS, IN JAPANNED TIN BOXES



The "Rembrandt"

### REMBRANDT AND MURILLO

		Per piece	Per doz.
2240.	"Rembrandt," large, 12 colors and brushes		
2241.	"Murillo," large, 16 pans superior colors, tubes, Chinese white, sepia, and camel hair brushes		
2242.	"Murillo," small, 12 pans, 2 tubes and brushes		

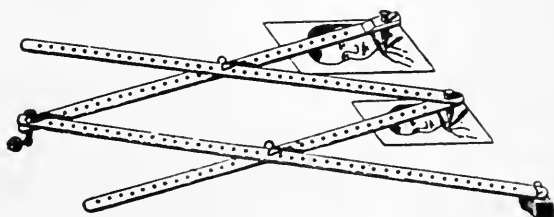
### LIQUID TRANSPARENT WATER COLORS

		Per box
2140.	For Coloring Photographs, Etc., in polished wooden box, containing 12 assorted colors	

### 2290. IMPROVED PANTOGRAPHS

Instructions furnished with each pantograph

No. 1	2	3	4	5	6
Per piece—					



**No. 2150. WHATMAN'S DRAWING PAPER****For Water Color Painting. Smooth, Medium and Rough Surface**

		per quire	per sheet			per quire	per sheet
Cap	13 x 17 in. ....			Demy	15 x 20 in. ....		
Medium	17 x 22 in. ....			Royal	19 x 24 in. ....		
Double Elephant	26 x 40 in. ....			Imperial	22 x 30 in. ....		

**Extra Heavy**

Imperial, 140 lbs. to the ream.

Double Elephant, 210 lbs. to the ream.

**No. 2152. GERMAN WHITE DRAWING PAPER****For Pencil and Ink Drawing**

		per quire	per sheet			per quire	per sheet
Cap	14 x 17 in. ....			Demy	15 x 20 in. ....		
Medium	17 x 22 in. ....			Royal	19 x 24 in. ....		
Super Royal	19 x 27 in. ....			Imperial	22 x 30 in. ....		
	Double Elephant, 26 x 40 in. ....						

**No. 2154. ILLUSTRATION BOARDS (Mounted Drawing Paper)****For Black and White Work, Water Color and Pencil Drawing**

Size	22 x 30 in.	30 x 40 in.
Per sheet		

**No. 2158. SKETCH BLOCKS OR DRAWING PADS****Whatman's Water Color Paper**

Sizes.....Inches	5 x 7	7 x 10	9 x 12	10 x 14	12 x 18	14 x 20
Per piece.....						

**No. 2160. SKETCH BLOCKS OR DRAWING PADS****For Pencil and Ink Drawing**

Sizes.....Inches	5 x 7	7 x 10	9 x 12	10 x 14	12 x 18	14 x 20
Per piece.....						

**FRENCH CHARCOAL IN STICKS FOR GLASS STAINERS**

No.		Per box
2168.	Ordinary Charcoal, 6¾ x 1¼ in., 50 sticks in box. ....	
2168A.	Conte's Venetian Charcoal, 6 x 1¼ in., 50 sticks in box. ....	

2172.	THUMB TACKS, brass	¾ in.	1½ in.	5⁄8 in. diameter
	Per gross.....			
	Per dozen.....			

**2202. BOXWOOD MODELING TOOLS for Wax, Clay or Plaster.**

36 different shapes	6 in. tools	8 in. tools
Per dozen		

**WIRE MODELING TOOLS**

2204.	One ended brass Wire Tools, 8 in. long, per doz. ....	
2204A.	Double ended brass Wire Tools, 8 in. long, per doz. ....	
2205.	MODELING CLAY, in cans of 5 lbs., per can. ....	
2206.	MODELING WAX (PLASTELINE), per lb. ....	



## Materials for Decorating

Requiring No Burning

### TRANSPARENT COLD STAIN

For Glass Decorating

Black	Olive Green	Lemon Yellow
Matt Black	Peacock Green	Orange
Blue	Cerise	Frosted White
Carmine	Ruby	Colorless
Grass Green	Violet	
No.		Per oz. Per pint Per gal.
2100. Cold Stain—All Colors		

### ENAMEL PAINT

Dries with a High Gloss

Black	Dark Green	Scarlet
Chestnut Brown	Light Green	Turquoise
Celeste Blue	Olive Green	Yellow
Lavender	Maroon	Orange
Pink	Violet	Ivory
No.		Per pint Per gal.
2110. Enamel Paint—All Colors		

### BRONZE POWDERS

Green Gold	Olive Green	Lemon
Rich Gold	Maroon	Orange
Gold Color	Peacock Green	Copper
Pale Gold	Peacock Blue	Fire
Roman Gold	Crimson	
No.		Per lb.
2111. Bronze Powders—All Colors		
2112. Aluminum Bronze Powder		
2113. Imitation Roman Gold in Powder		
2115. Bronzing Liquid	Per pint	Per gal.

## Crystal and Colored Pearls

### FOR PARCHMENT AND SILK DECORATION

These Pearls are perfectly round and lustrous. They are carefully made and free of dust.

Furnished in four sizes, viz.: No. 5, No. 7, No. 9, No. 11—the smallest being No. 11.

No.		Per oz.	Per lb.
1494. Crystal Pearls, all sizes			
1495. Colored Pearls, all sizes			

Black	Dark Green	Light Red
Dark Blue	Light Green	Citron Yellow
Light Blue	Purple	Orange
Pink	Violet	Dark Amber
Rose	Dark Red	Light Amber

Gold

Silver

Fabricolor

For Painting on Textiles

Fabricolor is prepared with extreme care and after being painted on Textiles is washable and will stand any test to which delicate fabrics of any nature may be subjected.

COLOR LIST

Black	Pink	Violet
Azure Blue	American Beauty	Brilliant Red
Baby Blue	Emerald Green	Tangerine
Celestial Blue	Nile Green	Golden Yellow
Deep Blue	Reseda Green	Lemon Yellow
Turquoise Blue	Turquoise Green	Orange
Dark Brown	Silver Gray	Thickening Medium
Tan	Orchid	Thinning Medium
No.		Per 1 oz. jar Per 2 oz. jar
2120.	Fabricolor, all colors .....	

FABRICOLOR OUTFITS

No.		Per set
2120 Set A.	6 asst'd 1 oz. jars, 1 brush, 1 pattern .....	
2120 Set B.	12 asst'd 1 oz. jars, 2 brushes, 1 pattern .....	
2120 Set C.	6 asst'd 2 oz. jars, 2 brushes, 1 pattern .....	
2120 Set D.	12 asst'd 2 oz. jars, 2 brushes, 1 pattern .....	
	Circular with directions on request	



GRADUATING GLASSES

No.		Per piece
1937A.	Graduated from 1/2 oz. to 8 oz. ....	
1937B.	Graduated from 1/2 oz. to 16 oz. ....	

HAND SCALES

For Weighing Colors or Gold

No.		Each
2007.	Six-inch Beam. Hanger, Beam and Pans nickel plated and polished. In neat wood box, with complete set of Brass Weights. From 2 drachms to 1/2 grain.	

GRAIN AND DRACHM WEIGHTS

No.		Per set
2008.	Grain weights, 6 grains to 1/2 grain .....	
2008A.	1 ounce to 1/2 grain, Apothecary's, Block and Coin .....	
2008B.	Drachm Weights, Coin, 2 drachms to 1/2 grain .....	

## Publications

## INSTRUCTIVE AND TECHNICAL

Pertaining to the manufacture and decoration of Pottery, Glass and Enameled Ware, Etc.

- | No.   |   | Per copy |
|-------|---|----------|
| 2210. | <b>BOOKS OF DESIGNS</b> consisting of three volumes, each of which contain 5000 conventional and naturalistic designs. . . . . Per set  |          |
| 2280. | <b>THE TEACHER OF CHINA PAINTING</b> teaches designing, mixing and application of China Colors and Lustres, firing, and remedying mistakes. By D. M. Campana. . . . .   |          |
| 2281. | <b>BOOK OF MONOGRAMS</b> contains hundreds of Monograms and fancy Letters, and teaches simple methods of making Monograms. By D. M. Campana   |          |
| 2282. | <b>100 LUSTRE COMBINATIONS</b> devoted to Lustres exclusively. Gives instructions on their application and combining. By D. M. Campana. .   |          |
| 2283. | <b>THE POTTER'S CRAFT</b> , a practical guide for the studio and workshop. Clays—their mixing and molding. Glazes—their application. Decorating and Firing. By Charles F. Binns. . . . .  |          |
| 2284. | <b>DECORATIVE GLASS PROCESSES</b> contains Introduction, Various Kinds of Glass in Use; Their Characteristics, Comparative Price, etc. Leaded Lights. Stained Glass. Embossed Glass. Brilliant Cutting and Beveling. Sand-Blast and Crystalline Glass. Gilding, Silvering and Mosaic. Proprietary Processes. Patents. Glossary. By Arthur Louis Duthie. . . . .   |          |
| 2285. | <b>GLASS MANUFACTURE</b> consists of a Preface. Physical and Chemical Properties of Glass. The Raw Materials of Glass Manufacture. Crucibles. Furnaces for the Fusion of Glass. The Process of Fusion. Processes Used in the Working of Glass. Bottle Glass. Blown and Pressed Glass. Rolled or Plate Glass. Sheet and Crown Glass. Colored Glass. Optical Glass. Miscellaneous Products. Appendix. By Walter Rosenhain, B.A., B. C. E. . |          |
| 2286. | <b>ARCHITECTURAL POTTERY</b> , pertaining to Bricks, Tiles, Pipes, Enameled Terra-Cottas, Ordinary and Incrusted Quarries, Stoneware Mosaics, Faïences and Architectural Stoneware, with 5 plates and 950 illustrations. 500 pages. By Leon Lefevre. . . . .  |          |
| 2287. | <b>THE MANUAL OF PRACTICAL POTTING.</b> Third Edition. Revised and enlarged. 678 Valuable Recipes. 204 pages. Specially compiled by experts and edited by Charles F. Binns. . . . .   |          |
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## Weights and Measures

Equivalent of English Weights and Measures in the Metric System

### TROY WEIGHTS

		1 Grain Troy	=	0.064 Grammes
24 Grains	=	1 Pennyweight	=	1.555 "
20 Pennyweights	=	1 Ounce	=	31.100 "
12 Ounces	=	1 Pound Troy	=	373.240 "
1 Gramme	=	15.43 Grains		
10 Grammes	=	6.43 Pennyweights		
100 "	=	3.21 Ounces		
1000 "	=	2.67 Pounds Troy		

### AVOIRDUPOIS WEIGHTS

		1 Grain Avoir.	=	0.059 Grammes
30 Grains	=	1 Dram	=	1.770 "
16 Drams	=	1 Ounce	=	28.349 "
16 Ounces	=	1 Pound Avoir.	=	453.592 "
112 Pounds	=	1 Hundredweight	=	50.800 Kilogrammes
20 Cwt.	=	1 Ton	=	1016.000 "
1 Gramme	=	0.56 Drams		
10 Grammes	=	5.64 "		
100 "	=	3.52 Ounces		
1 Kilogramme	=	2.20 Pounds Avoir.		
100 "	=	1.96 Cwt.		

### MEASURES OF LENGTH

		1 Inch	=	2.53 Centimètres
12 Inches	=	1 Foot	=	30.47 "
3 Feet	=	1 Yard	=	91.43 "
1760 Yards	=	1 Mile	=	1609.00 Mètres
1 Centimètre	=	0.39 Inch		
1 Décimètre	=	3.93 "		
1 Mètre	=	3.28 Feet		
1 Kilomètre	=	1093.60 Yards		

### MEASURES OF CAPACITY

		1 Gill	=	0.118 Litre
4 Gills	=	1 Pint	=	0.473 "
2 Pints	=	1 Quart	=	0.946 "
4 Quarts	=	1 Gallon	=	3.785 "
1 Décilitre	=	0.845 Gill		
1 Litre	=	2.113 Pint		
1 Hectolitre	=	26.417 Gallons		

### MELTING POINTS OF METALS

Metal	Deg. Fahr.	Deg. Cent.	Metal	Deg. Fahr.	Deg. Cent.
Tin	450	232	Gold	1947	1064
Lead	621	327	Copper (in air)	1944	1062
Zinc	786	419	Nickel	2601	1427
Antimony	1170	632	Pure Iron	2737	1503
Aluminum	1215	657	Platinum	3110	1710
Silver	1751	955			

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